

North Georgia College



The Senior Military College of Georgia
A Unit of The University System of Georgia

NOTICE OF RESPONSIBILITIES

Institutional

1. North Georgia College does not discriminate on the basis of handicap in violation of Section 504 of the Rehabilitation Act of 1973. This nondiscrimination policy applies to admission or access to, or treatment, or employment in, its programs and activities.
2. No person shall, on the ground of sex, age, creed, race, national origin, or handicap, be excluded from participation in or be denied the benefits of, or subject to discrimination under any program or activity conducted by North Georgia College.
3. North Georgia College is an affirmative action/equal opportunity institution.

NOTE: The Bulletin employs the generic masculine pronouns to indicate members of either sex.

Student

1. It is the responsibility of each student to keep apprised of current graduation requirements for his or her specific degree program.

The statements set forth in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and North Georgia College. The College reserves the right to change any provision listed in this catalog, including, but not limited to academic requirements for graduation, without actual notice to individual students.

2. It is important that each student satisfy all financial obligations to North Georgia College. The College reserves and intends to exercise its right to withhold copies of educational records and/or to disenroll students who owe money to the College.

ANNUAL NOTICE OF PRIVACY RIGHTS

This institution is covered by the Family Educational Rights and Privacy Act of 1974 (FERPA), which is designed to protect the student's rights with regard to educational records maintained by the institution. Under this Act, a student has the following rights:

1. *the right to inspect and review education records maintained by the institution that pertain to the student;*
2. *the right to challenge the content of records on the grounds that they are inaccurate, misleading or a violation of privacy or other rights; and*
3. *the right to control disclosures from the education records with certain exceptions.*

A written policy detailing how North Georgia College will comply with the provisions of the Act is on file in the Office of the Registrar. Students also have the right to file complaints with the FERPA Office of the Department of Health, Washington, D.C. 20201 regarding alleged violations of the Act.

BENTON

NORTH GEORGIA CATALOG

Fifth Biennial Edition

Series 54 and 55, September, 1987 - August, 1989



Above: North Georgia College is nestled in the foothills of the Blue Ridge Mountains. The climate is moderate, with an occasional winter snowfall.

This bulletin is your guide to North Georgia College. Pages 1 through 62 contain general information applicable to all students. The remainder of the book contains information about particular areas of study.

For clarification of/or additional information about any part of this book, please contact the Director of Admission, North Georgia College, Dahlonega, Georgia 30597 or 404-864-3391.



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Opposite: Dahlonga was the site of the first major U.S. gold rush, in the early nineteenth century. In 1973, the steeple of Price Memorial Hall was covered with Lumpkin County gold to commemorate the college's centennial.

CALENDAR 1987-88

Fall Quarter, 1987

September 13,14,15 (Sunday, Monday, Tuesday)	4th Orientation (INTRO)
September 15-20 (Tuesday-Sunday)	Military Orientation
September 21 (Monday)	*Late Advisement, Registration, Pay Fees
September 22 (Tuesday)	First Day of Classes
September 24 (Thursday)	Final Day for Changing Schedules
October 26 (Monday)	Last Day for Drop with W
October 27 (Tuesday)	Mid-Term Grade Reports Due
November 6-12 (Friday, Monday-Thursday)	Winter Advisement
November 9-13 (Monday-Friday)	Winter Registration
November 26-27 (Thursday-Friday)	**Thanksgiving Recess
December 3-5 (Thursday-Saturday)	Examinations
December 7 (Monday)	Final Grade Reports Due

*Students should arrive no earlier than noon September 20 and no later than noon September 21. Fees must be paid by 5 p.m. September 21.

**Thanksgiving recess begins 12:00 noon on Wednesday, November 25.

Winter Quarter, 1988

January 4 (Monday)	Dorms Open 12:00 Noon
January 5 (Tuesday)	*Late Registration, Pay Fees, First Day of Classes
January 8 (Friday)	Final Day for Changing Schedules
January 18 (Monday)	Martin Luther King's Birthday
February 9 (Tuesday)	Last Day for Drop with W
February 10 (Wednesday)	Mid-term Grade Reports Due
February 12, 15-18 (Friday, Monday-Thursday)	Spring Advisement
February 15-19 (Monday-Friday)	Spring Registration
March 16-18 (Wednesday-Friday, noon)	Examinations
March 19 (Saturday, noon)	Final Grade Reports Due

Fees must be paid by 5 p.m. on January 5.

Spring Quarter, 1988

March 28 (Monday)	*Late Advisement, Registration, Pay Fees
March 29 (Tuesday)	First Day of Classes
March 31 (Thursday)	Final Day for Changing Schedules
May 2 (Monday)	Last Day for Drop with W
May 3 (Tuesday)	Mid-term Grade Reports Due
May 9-10 (Monday-Tuesday)	Summer Advisement
May 10-11 (Tuesday-Wednesday)	Summer Registration
May 13, 16-19 (Friday, Monday-Thursday)	Fall Advisement
May 16-20 (Monday-Friday)	Fall Registration
June 4 (Saturday)	Commissioning Parade and Commencement
June 7-9 (Tuesday-Thursday)	Examinations
June 10 (Friday)	Final Grade Reports Due

*Fees must be paid by 5 p.m. on March 28.

Summer Quarter, 1988*

June 19, 20, 21 (Sunday, Monday, Tuesday)	First Orientation (INTRO)
June 21 (Tuesday)	**Late Advisement, Registration, Pay Fees
June 22 (Wednesday)	First Day of Classes
June 24 (Friday)	Final Day for Changing Schedules
July 4 (Monday)	Independence Day Recess
July 10-12 (Sunday, Monday, Tuesday)	Second Orientation (INTRO)
July 19 (Tuesday)	Last Day for Drop with W
July 20 (Wednesday)	Mid-term Grade Reports Due
July 26-27 (Tuesday, Wednesday)	Fall Advisement
July 27-28 (Wednesday, Thursday)	Fall Registration
August 7-9 (Sunday, Monday, Tuesday)	Third Orientation (INTRO)
August 16-17 (Tuesday, Wednesday)	Examinations
August 18 (Thursday)	Final Grade Reports Due

*Sixty-five minute classes

**Fees must be paid by 5 p.m. on June 21.

CALENDAR 1988-89

Fall Quarter, 1988

September 11, 12, 13 (Sunday, Monday, Tuesday)	4th Orientation
September 13-18 (Tuesday-Sunday)	Military Orientation
September 19 (Monday)	*Late Advisement, Registration, Pay Fees
September 20 (Tuesday)	First Day of Classes
September 22 (Thursday)	Final Day for Changing Schedules
October 24 (Monday)	Last Day for Drop with W
October 25 (Tuesday)	Mid-term Grade Reports Due
November 4, 7-10 (Friday, Monday-Thursday)	Winter Advisement
November 7-11 (Monday-Friday)	Winter Registration
November 24-25 (Thursday-Friday)	**Thanksgiving Recess
December 1-3 (Thursday-Saturday)	Examinations
December 5 (Monday)	Final Grade Reports Due

*Students should arrive between noon Sunday, September 18 and noon Monday, September 19.

All fees must be paid by 5 p.m. September 19.

**Thanksgiving recess begins 12:00 noon on Wednesday, November 23.

Winter Quarter, 1989

January 4 (Wednesday)	Dorms Open 12 Noon
January 5 (Thursday)	*Late Registration, Pay Fees, First Day of Classes
January 10 (Tuesday)	Final Day for Changing Schedules
January 16 (Monday)	Martin Luther King's Birthday
February 9 (Thursday)	Last Day for Drop with W
February 10 (Friday)	Mid-term Grade Reports Due
February 10, 13-16 (Friday, Monday-Thursday)	Spring Advisement
February 13-17 (Monday-Friday)	Spring Registration
March 17-18, 20 (Friday, Saturday, Monday)	Examinations
March 21 (Tuesday)	Final Grade Reports Due

*Fees must be paid by 5:00 p.m. on January 5.

Spring Quarter, 1989

March 29 (Wednesday)	*Late Registration, Advisement, Pay Fees
March 30 (Thursday)	First Day of Classes
April 3 (Monday)	Final Day for Changing Schedules
May 3 (Wednesday)	Last Day for Drop with W
May 4 (Thursday)	Mid-term Grade Reports Due
May 8, 9 (Monday, Tuesday)	Summer Advisement
May 9, 10 (Tuesday, Wednesday)	Summer Registration
May 12, 15-18 (Friday, Monday-Thursday)	Fall Advisement
May 15-19 (Monday, Friday)	Fall Registration
June 3 (Saturday)	Commissioning Parade and Commencement
June 8-10 (Thursday-Saturday)	Examinations
June 12 (Monday)	Final Grade Reports Due

*Fees must be paid by 5:00 p.m. on March 29.

Summer Quarter, 1989*

June 18-20 (Sunday, Monday, Tuesday)	First Orientation (INTRO)
June 20 (Tuesday)	**Late Advisement, Registration, Pay Fees
June 21 (Wednesday)	First Day of Classes
June 23 (Friday)	Final Day for Changing Schedules
July 4 (Tuesday)	Independence Day Recess
July 14 (Friday)	Last Day for Drop with W
July 16-18 (Sunday, Monday, Tuesday)	Second Orientation (INTRO)
July 17 (Monday)	Mid-term Grade Reports Due
July 25, 26 (Tuesday, Wednesday)	Fall Advisement
July 26, 27 (Wednesday, Thursday)	Fall Registration
August 6-8 (Sunday, Monday, Tuesday)	Third Orientation (INTRO)
August 15-16 (Tuesday, Wednesday)	Examinations
August 17 (Thursday)	Final Grade Reports Due

*Sixty-five minute classes.

**Fees must be paid by 5 p.m. on June 20.



INTRODUCTION



Opposite: The undergraduate student body is nearly evenly divided between men and women. Male resident students must participate in the college's Corps of Cadets, while women and commuter students may participate at their option.

Above: More than half of North Georgia College's faculty have the doctorate or terminal degree in their field. Among full-time faculty, the median length of service to NGC is twelve years.

INTRODUCTION TO NORTH GEORGIA COLLEGE

North Georgia College was founded in 1873 as a liberal arts military college for men and women. It is a state supported senior unit of the University System of Georgia under the direction of the State Board of Regents. It is located in Dahlonega, Georgia, on the site of the original U.S. Government Gold Mint. Dahlonega, a town of about 3,000 people, is located in the foothills of the beautiful Blue Ridge Mountains — 70 miles and 1½ hours north of Atlanta via GA 400 or I-85 and Georgia 60 through Gainesville.

The undergraduate student enrollment at North Georgia College is approximately 1,800, placing it in a medium size range with 70% of the students living in dormitories. The college is small enough for the individual to stand apart and be identified by the faculty and other students, yet with enough size to make varied and diversified programs possible. Being a state school, the majority of the students have graduated from Georgia high schools, but graduates from many different high schools from across the nation and around the world are also enrolled.

CO-EDUCATIONAL NATURE

From its founding in 1873, North Georgia College has been co-educational. The majority of the women students are not involved in the military program, but they constitute approximately one-half of the total student enrollment. Women students may, however, participate in the ROTC program, and all undergraduate, male students living on campus must participate.

STATEMENT OF PURPOSE

The purpose of North Georgia College is to provide an academically sound liberal arts education for all its students while at the same time providing its students an opportunity for preparation for a military career. It further recognizes that the vocational and professional needs of its students are best served on the senior college level through specialized programs of study built around a well-developed general education program.

In conjunction with the academic program, the College is designated as a Military College by the Department of the Army, and through its Military training program promotes the development of leaders for community, state, and national service.

Consistent with the foregoing, North Georgia College aspires more specifically:

- to stimulate and develop intelligent citizens for responsible leadership in society by providing an environment conducive to learning;

- to encourage investigation and research to enable students to succeed in graduate and professional study;

- to provide for and encourage the development of moral, social, cultural, physical and aesthetic appreciations as they relate and contribute to the total development of the individual;

- to provide sound semi-professional and professional programs for developing men and women with the capacity to satisfy their material needs through gainful employment;

- to serve and to be responsible to the needs of the community by the extension of educational services through the development of cultural activities and by sharing of professional expertise for community benefit;

- to encourage among the faculty the maintenance of a high level of scholarship, an interest in research and a continuing concern for the role of higher education in the betterment of society.

UNIVERSITY SYSTEM OF GEORGIA

All state-supported institutions of higher learning in Georgia were combined into the greater University System of Georgia by legislative enactment at the regular session of the General Assembly in 1931. Under the articles of the Act, all existent boards of trustees were abolished and control of the System was vested in a Board of Regents with all the powers and rights of the former governing boards of the several institutions. Control of the System by the Board of Regents became effective January 1, 1932.

On January 18, 1950, the Board of Regents reaffirmed the position of North Georgia College as a senior unit of the University System by passing a resolution which reads in part as follows. *"The North Georgia College at Dahlonega shall be continued as a college of arts and sciences at the bachelor's level and as the one institution in the Georgia System distinguished by its essentially military organization for men."* This resolution remains unchanged.

ACCREDITATION

North Georgia College, as a senior member of the University System of Georgia, is an accredited member of the Association of American College and Schools, the Association of Military Colleges and Schools, the Southern Association of Colleges, and the Association of Georgia Colleges.

Its work in the field of education is recognized and accredited by the National Council for Accreditation of Teacher Education (NCATE) and the Georgia State Department of Education.

The Associate of Science in Nursing Degree Program is approved by the Georgia Board of Nursing and accredited by the National League for Nursing. The Bachelor of Science in Nursing Degree Program has developmental approval by the Georgia Board of Nursing, and accreditation by the National League for Nursing is pending.

The quality of the training offered in all departments has long enjoyed national recognition. A significant number of its graduates attend graduate and professional schools; and just as significantly, perhaps, is the fact that many of its military graduates, as they move into active service, go to military graduate school.

LIBRARY SERVICES

Stewart Library is centrally located on the campus between Dunlap Hall and the Student Center. During the four academic quarters, the library is open week-ends and evenings for research, browsing and/or study. Housed here are well over 120,000 volumes, regular issues of nearly 1,000 magazines, newspapers and journals. Back issues are in bound volumes or on microfilm (including the New York Times *daily* from September, 1851 to date). Holdings also include several hundred sound recordings, as well as 8 and 16 mm films, cassettes, film loops, and other audio-visual materials.

Facilities include: individual study carrels, a seminar/classroom, typing room, three small conference/study rooms, a stereo-equipped music listening room, microform reader-printers and coin operated photocopy machines. An entrance ramp and wide-entrance elevator are provided for wheelchair access.

Professional librarians are always on duty to aid students in locating and using library materials. Interlibrary loan service provides access to materials from other libraries.

Library hours are posted in the lobby. Visitors are welcome during open hours. Library orientation tours or introductory tours for groups or individuals can be arranged.



FREEDOM'S VIGIL

SOARING SENTRY OF PEACE
GUARDIAN OF LIBERTY

NORTH GEORGIA COLLEGE

MEMORIAL

DONATED BY

ACADEMIC PROGRAMS



Opposite: "Freedom's Vigil," part of the college's KIA Memorial, was dedicated in 1986. North Georgia enjoys a proud history of service to nation, state, and community.

Above: Student plays, musicals, recitals, and art exhibits enhance the quality of life at North Georgia College.

ACADEMIC PROGRAMS

North Georgia College offers a varied program of studies leading to the A.B., B.S., B.B.A. B.S.W. (Social Work), or M.Ed. Degree. Prior to specializing for the Degree, North Georgia provides a two-year basic curriculum in general education. This program includes English, Fine Arts, Modern Languages, Mathematics, Science, Social Sciences, Physical Education, and introductory courses related to various academic majors.

BACHELOR OF ARTS (B.A.)

The Bachelor of Arts Degree is offered in Art, English, French, History, Mathematics, Political Science, Psychology and Sociology.

BACHELOR OF SCIENCE (B.S.)

The Bachelor of Science Degree is offered in Art Education, Biology, Business Education, Chemistry, Computer Science, Craft Marketing, Criminal Justice, Education (Early Childhood, Middle Grades, and Special Education — Mental Retardation, Interrelated, Learning Disabilities, and Behavior Disorders), Mathematics, Music Education, Physical Education, Physics, Political Science, Psychology, Recreation, Social Sciences and Sociology.

BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.)

The Bachelor of Business Administration degree is offered in Accounting, Economics, Finance, Management, Marketing, and Office Management.

BACHELOR OF SCIENCE DEGREE IN NURSING (B.S.N.)

The Bachelor of Science in Nursing Degree (B.S.N.) is offered to selected Registered Nurses from Associate Degree in Nursing Programs and selected Registered Nurses from diploma programs. Initial approval for this degree program is pending before the Georgia Board of Nursing.

MASTER OF EDUCATION (M.Ed.)

North Georgia College offers the Master of Education Degree in Early Childhood Education, Elementary Education, Middle Grades Education, Special Education (Mental Retardation, Interrelated, and Learning Disabilities), and Secondary Education (Art, Behavioral Science, Business, Mathematics, Physical Education, Science, and Social Science).

Those interested in securing catalog information concerning graduate studies should write:
Director of Graduate Study
North Georgia College
Dahlonega, Georgia 30597

ASSOCIATE OF SCIENCE DEGREE

North Georgia College offers a variety of special programs leading to the Associate of Science Degree for those students who do not wish to pursue a Bachelor's Degree.

Those programs marked with an asterisk (*) are taught through a cooperative arrangement with the Pickens Area Vocational-Technical School, Jasper, Georgia. In this cooperative program, students take basic education courses offered by the North Georgia faculty while pursuing technical-vocational training at the Pickens Area Vocational-Technical School. Those who complete dual programs receive the Associate of Science Degree. The programs in Office administration/secre-

tarial science, accounting, and data processing will be supervised by the North Georgia College Department of Business Administration, and the programs in electronic technology, drafting, and design technology will be supervised by the Department of Physics.

Accounting*	Drafting*
Data Processing*	Electronic Technology*
Design Technology*	Office Administration/Secretarial Science*

The Associate Degree in Office Administration is offered both as a part of the cooperative program with the Pickens Area Vocational-Technical School and the regular offerings of the Department of Business Administration. Additionally, the college offers a one year program in Secretarial Science.

Should an individual decide to pursue further studies, credit earned in these programs may be applied toward a baccalaureate degree in the appropriate fields. Students are referred to the respective supervisory departments for more information.

ASSOCIATE DEGREE IN NURSING

A two-year training program leads to the Associate of Science Degree in Nursing. Academic instruction is given on the campus of North Georgia College, while clinical training is given in hospitals and nursing homes in the North Georgia area.

GOVERNOR'S INTERN PROGRAM

North Georgia College cooperates fully with the Governor's Intern Program creating opportunities for students to be actively involved in specific projects in public agencies. Interns work within state and local agencies for a full quarter and may receive up to fifteen hours of academic credit for the intern experience. The course number 485 has been reserved for intern courses, and credit may be given in any department in the college with the permission of the department head and the Vice President for Academic Affairs. Application forms for this program are available in the Office of the Vice President for Academic Affairs.

TEACHER CERTIFICATION

Teacher education students are certified through the State Department of Education. North Georgia College prepares students for certification through approved programs in Early Childhood Education, Elementary Education, Middle Grades Education, Special Education, Art Education, Health and Physical Education, Music Education, and at the Secondary level in—Biology, Business Education, Chemistry, English, French, History, Mathematics, Physics, Political Science, Psychology, and Sociology.

REGENTS ENGINEERING TRANSFER PROGRAM

Qualified students seeking a bachelor of engineering degree may begin their college studies at North Georgia College through the Regents Engineering Transfer Program. Upon successful completion of the pre-engineering curriculum, students may transfer to the Georgia Institute of Technology to complete the degree requirements. It is expected that students in this program, like other Georgia Tech graduates, will normally require four to five and one-half years to complete the degree requirements, depending on their pre-college preparation, involvement in extra-curricular activities, and engineering major.

To be admitted to the Regents Engineering Transfer Program at this institution, students must have achieved at least:

1. 550 on the mathematics portion of the Scholastic Aptitude Test (SAT); and
2. 450 on the verbal portion of the SAT; *and*
3. 3.0 high school grade point average.

This institution's faculty members have worked closely with Georgia Tech's faculty to assure a curriculum which is well-coordinated with that of Georgia Tech. Specific times each quarter have been established for students to visit the Georgia Tech campus and meet with representatives of their anticipated major.

Regents Engineering Transfer Program students who satisfactorily complete the pre-engineering curriculum and apply for transfer will be accepted to Georgia Tech. However, admission to the most popular majors, as for other Georgia Tech students, will be based upon overall grade point average, performance in the required prerequisite courses and availability of student spaces.

DUAL DEGREE PROGRAMS WITH GEORGIA TECH AND CLEMSON

North Georgia College offers dual degree programs in engineering, computer science, and industrial management. The dual degree program in engineering is offered by the Departments of Chemistry; Mathematics, and Physics. The dual degree program in computer science is offered by the Department of Mathematics and Computer Science. The dual degree program in industrial management is offered by the Department of Business Administration. These programs are offered to provide students with the opportunity to develop a strong liberal arts background before completing academic coursework at another institution.

The student will normally attend North Georgia for approximately three years and then either Georgia Tech or Clemson University for an additional two years. Upon completion of study in this program, the successful student will receive a bachelor's degree in any one of a number of fields from Georgia Tech or Clemson University or a M.S. in Industrial Management from Georgia Tech.

Dual Degree Programs in Engineering are offered in association with Georgia Institute of Technology (Georgia Tech) and Clemson University in which a student may be awarded the bachelor's degree from North Georgia College and a bachelor's degree from Clemson or Georgia Tech.

A Dual Degree Program in Computer Science is offered in association with Georgia Tech in which a student may be awarded the bachelor's degree from North Georgia College and a bachelor's degree from Georgia Tech.

A Dual Program in Industrial Management is offered in association with Georgia Tech in which a student may be awarded a B.B.A. in Management from North Georgia College and either a B.S.I.M. or M.S.I.M. from Georgia Tech.

PRE-PROFESSIONAL STUDY

In addition to Bachelor Degree Programs, the college offers pre-professional study in the following areas: Pre-law; Pre-medical Technology and a variety of two-year pre-professional programs in areas of Allied Health.

CONTINUING EDUCATION—PUBLIC SERVICE

Accepting a statewide commitment of the University System, North Georgia College initiated its public service-continuing education program in 1971. The college campus is available to various non-college related groups for meetings and activities during the year, and the college itself sponsors other programs for special groups or the public-at-large.

A non-credit short course program is offered quarterly, and the number and nature of courses are based on student demand. Students who satisfactorily complete some courses are credited with Continuing Education Units (CEU's), the measure of participation. A record of this participation is kept in the Registrar's Office. Generally, the courses meet in the evening.

This program concentrates on courses of practical, personal benefit to the student and includes subjects with a vocational and avocational application. The purpose of these activities is to allow full accessibility to North Georgia College to the general public.

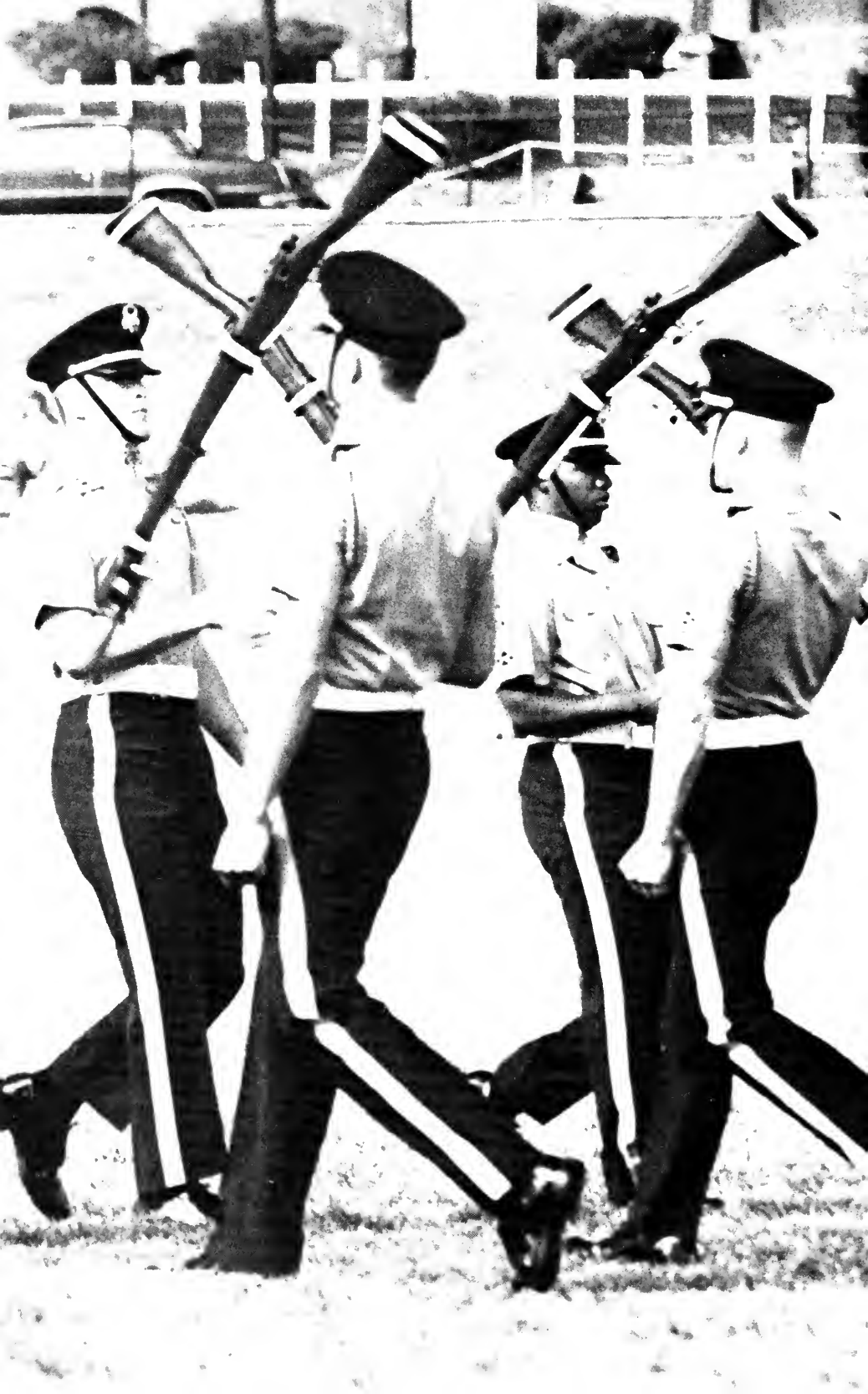
ACADEMIC YEAR

North Georgia College operates on a four-quarter system (Fall, Winter, Spring, and Summer). The summer quarter differs from the others only in the nature of the work offered, taking into account the needs of teachers in service and others who need specialized work. Freshmen may enter any quarter. Almost all required freshman and sophomore subjects are offered every quarter.

INTERCOLLEGIATE AND INTRAMURAL SPORTS PROGRAM

The college considers physical fitness vital to a completely satisfactory college life. Provisions are made to include the maximum number of students in the maximum number of activities throughout the entire year. Intercollegiate teams are fielded annually in men's and women's basketball and tennis; men's soccer; women's softball, and rifle marksmanship, which is open to both sexes.

The Intramural Sports Program is a comprehensive and traditional part of the North Georgia campus activities. It involves most of our men and women students. Among the more popular activities are tackle football, volleyball, tennis, basketball, table tennis, track and field, softball, badminton and rifle marksmanship.



THE MILITARY PROGRAM



Above: Winning is a habit among members of the Corps of Cadets. Several times in recent years, senior ROTC cadets have been named the best among teams from 110 other colleges and universities in the eastern U.S.

Opposite: The Blue Ridge Rifles, NGC's precision drill team, have twice been named national champion and tour the Southeast representing the college.

THE MILITARY PROGRAM

HISTORY

From the time of its founding in 1873, North Georgia College has been a military institution dedicated to these propositions:

- a. The freedom and security which each of us as citizens of the United States enjoys can continue only so long as our country remains secure and prosperous.
- b. With the rights and privileges of citizenship, each individual assumes certain responsibilities, and among these is an obligation to be prepared to serve in the defense of the United States if needed.
- c. Our national security requires the support of a dedicated military establishment, which, in turn, requires a continuing source of officers who have the intellectual, moral and physical attributes to perform effectively in a wide variety of leadership, management and administrative positions.
- d. Military instruction and training, through emphasis on cooperation, responsiveness, loyalty, appearance, self-confidence, and personal responsibility, provides valuable preparation for the successful pursuit of all careers, military or civilian.

The record of North Georgia College as a military institution has been distinguished through the years. Graduates of the college enjoy a prestigious reputation established by their predecessors in civilian life and the military service.

CURRENT STATUS

North Georgia College is one of only four senior colleges in the United States classified as a Military College (MC) by Department of the Army. In accordance with the criteria for Military Colleges, North Georgia College requires that:

- a. All male resident students become members of the Corps of Cadets, a military type organization with a proud history.
- b. All members of the Corps wear the distinctive uniform and participate in the military program provided at the college.
- c. Members of the Corps abide by regulations similar to those maintained by the service academies, which establish high standards for personal conduct and appearance, protect the rights of each cadet, and engender a strong sense of personal responsibility and self discipline.

WOMEN IN ROTC

Women students may participate in the ROTC Program and may advance to a commission in the Regular Army or U.S. Army Reserve. Those women who elect to participate are required to become members of the Corps of Cadets. Women cadets are assigned to various units of the Corps of Cadets and are housed in a section of the women's dormitories. Women cadets participate in Military Science classes and training with the male cadets. All rules and regulations pertaining to the male members of the Corps of Cadets are equally applied to the women in the Corps.

MILITARY INSTRUCTION

Formal military instruction is conducted by the Department of Military Science. This department is staffed with well qualified personnel by Department of the Army to conduct military science instruction in the classroom and during leadership laboratory periods. Detailed information on



military science courses is provided in the section devoted to course offerings by academic departments. Graduation of resident male students from North Georgia College includes the requirement for successful completion of 18 hours of Military Science instruction unless exempted by the Vice President for Academic Affairs upon the recommendation of the Professor of Military Science. For the fulfillment of this requirement, all male students living in college residence halls, including those transferring in from other institutions, are required to successfully complete a Military Science class each quarter. Some military activities are scheduled for weekends. This occurs approximately two weekends a month throughout the academic year. These activities are required for all personnel in the ROTC program.

OPPORTUNITY FOR COMMISSION AS AN ARMY OFFICER

Every physically qualified student has the opportunity to compete for a commission as an officer in either the Regular Army or the US Army Reserve through the Reserve Officer Training Corps (ROTC) program. Although all male resident students must participate in the military program, including classroom courses in military science for academic credit, earning a commission is both voluntary on the part of the individual and selective by Department of the Army.

Men and women students who desire to earn a commission and who are accepted in the ROTC program are placed on contract with the Army, normally at the beginning of the junior year. In return for agreeing to serve on active duty as an officer for three years if needed, the student on contract receives a non-taxable allowance of \$100.00 per month for up to twenty months while in college. Contract students attend a six-week ROTC summer camp between the junior and senior years of college. The student is reimbursed for travel expenses to and from the camp and is paid during the camp period at one-half the current rate of Second Lieutenants in the Army.

ROTC contract students may apply to be commissioned in the Regular Army at graduation under two programs. One is the ROTC scholarship program. All students on ROTC Scholarship have the opportunity to apply for competitive selection for the Regular Army commission. Secondly, each year The Department of the Army authorizes the selection of a number of outstanding senior students to be designated Distinguished Military Students (DMS). Students so chosen must be in the upper half of their class academically, stand in the upper third in military science studies, stand in the upper third of their class Order of Merit List (OML), and demonstrate outstanding potential for service as an officer. Students designated DMS may apply for competitive selection for the Regular Army commission.



North Georgia College, being a military college, requires that all resident male students participate in the Corps of Cadets. In order to facilitate administration and training, the Corps is organized into a brigade of two battalions, each consisting of two or more companies. Immediately upon reporting to the college, the new cadet is assigned to a company. This unit quickly becomes the focal point for the new cadet's life on campus. It becomes his "home away from home" and provides an immediate social stability in a new environment. It also provides through upper classmen an opportunity for academic coaching. Additionally, the company provides the structure around which a spirited intramural sports program is developed and implemented. At the end of each academic quarter, the competition between companies in the Corps ends with the designation of Honor Company—that unit receiving the highest combined score in academics, athletics, military training and unit administration.

The "cadet system" of control prevailing within the Corps is a specialized system of student government in which there is extensive, direct, and continuous involvement of the cadets in the management of their own affairs. In this system, the conduct of cadets and most of the activities of the organizations within the Corps are the responsibilities of the cadet officers and noncommissioned officers. Thus, for all students seeking responsibilities and involvement, North Georgia College offers outstanding opportunities in both areas.

All cadets may and are encouraged to compete for leadership positions. In selecting individuals for positions of responsibility, consideration is given to demonstrated interest, motivation, military knowledge, academic standing (minimum requirement: C average), leadership potential and individual conduct records. Eligibility for advancement in rank parallels advancement in academic class standings. For example, noncommissioned officers are selected from the sophomore and junior classes, while cadet officers are selected from the senior class.

In the performance of their duties, cadet officers and noncommissioned officers are expected to set the example in appearance, conduct, and compliance with college approved Corps regulations, and they are expected to enforce these regulations in a fair and impartial manner so as to promote respect, morale and sound discipline. A copy of Corps regulations, known as the Blue Book, is made available to each cadet within the first week after reporting.

Membership in the Corps of Cadets is open to all students who are admitted to the College except certain aliens and those whose physical condition, as judged by the College Surgeon and the Commandant acting jointly, is determined to be inconsistent with requirements for normal participation in marching in formation and living in cadet dormitories without special assistance, equipment or diet.

Cadets may earn the privilege of wearing appropriate civilian clothing after 6:00 p.m.

MILITARY UNIFORMS

The distinguished mark of a North Georgia College cadet is the college uniform. The use of the uniform produces a decided cost savings while at North Georgia College, since only a minimum amount of civilian clothing is needed. Upon enrollment, the new cadet is issued all major items of the required uniforms. After initial issue, it is the responsibility of the cadet to maintain the uniform and replace lost or damaged clothing items.

A fee of \$100 is required by the college before uniforms are altered for or issued to any student. This modest fee is necessary to defray the cost on non-returnable items, alterations, and other administrative costs incurred in the purchase of cadet uniforms. Foreign nationals are required to purchase all uniform items and are therefore exempt from the \$100 uniform fee. Any student who withdraws, is suspended, or in any way terminates his enrollment will be charged an additional uniform fee based upon particular re-issue needs. At the beginning of the junior year, all items become the property of the student, except ROTC insignia and those items that are distinctively Army issue.

Cadets who sign a ROTC contract will be issued additional clothing items to include a complete dress blue uniform.

Army Regulations and college policies with regard to uniforms are subject to changes without notice and are all inclusive. College catalogs and other printed material reflect only the regulations and policies in effect at the time of printing.

RECOMMENDED PERSONAL CLOTHING AND EQUIPMENT FOR CADETS:

The following items of *required* clothing and personal equipment must be purchased by the cadet. Quantities are, however, recommended only. Coin operated washers and dryers are available, but cadets who choose to use a commercial laundry may need additional quantities.

- | | |
|--|-------------------------------------|
| 2 ea Blankets, OD color | *2 ea Pillowcase, White |
| *1 ea Bathrobe | *1 ea Shaving Kit |
| 4 ea Boxes (cigar size) for
Brass and supplies | *4 ea Sheets, Single Bed Flat White |
| 1 Can Brass Cleaner | 1 ea Shoe Shine Kit with Brush |
| *2 dz Coat Hangers (12 as pants
hangers) | 1 pr Shoes, Athletic or Tennis |
| *1 ea Footlocker | 1 pr Swim Trunks, NGC |
| 6 ea Handkerchiefs, White | 1 pr Shower Shoes |
| 1 ea Lock (key or combination -
to secure footlocker) | 3 pr Socks, Athletic |
| 1 ea PE Uniform, NGC | 2 ea Supporters, Athletic (male) |
| *1 ea Pillow | 8 ea Tee Shirts, White, Round Neck |
| | 5 ea Towels, White Bath Size |
| | 8 pr Underwear, White |
| | 2 ea Washcloths, White |

Cadets may purchase the following items which are suggested but not *required*.

- | | |
|--|---------------------------------|
| 1 ea Alarm Clock | **1 pr Football Shoes |
| 2 pr Civilian Clothing (one
casual, one dress as a minimum) | *1 ea Iron |
| 1 ea Clothes Brush (to remove
lint from wool uniforms) | *1 pr Pajamas |
| 1 ea Electrical Extension cord | 1 ea Sewing Kit (buttons, etc.) |
| | 2 pr Shoe Trees |
| | 1 bx Stationery and Stamps |

The following convenience items are restricted to *one per room*. Cadets should not bring these items initially. After reaching an agreement with their roommate, they may bring these joint usage items upon return from their first visit home if they desire.

- *Radio, Record Player or Stereo (size limited to 15" x 26")
- *Ironing Board *Electric Fan *Coffee Pot
- *Refrigerator (size limited to 36" high - rentals available on campus)

NOTE: *These items are not available at the College Bookstore.

**For those who desire to play company intramural tackle football.

ACCEPTANCE OF TRANSFER STUDENTS INTO ROTC

Students transferring to North Georgia College without credit for ROTC courses may choose one of two courses of action. If a commission in the US Army is not desired, the transferee will attend the military science courses appropriate to his academic class rank. Transferees desiring an Army Commission may catch up and complete their military science requirements if they have a minimum of two years remaining in school. Transferring cadets must consult with a Military Science Department advisor to determine their proper course of action toward a commission.

Freshmen or transfer students who have had two or more years of Junior ROTC in high school may be granted constructive credit for some or all of the freshman and sophomore level military science courses with the approval of the Professor of Military Science.

Prior to uniform issue or alterations, transfer juniors and seniors who elect not to sign a contract are required to make a uniform payment of \$100 to partially defray the cost of the uniforms.

Prior service military personnel interested in pursuing a commission in the Army may be given constructive credit for freshman and sophomore military science courses by the Professor of Military Science. Students with prior military service who meet the qualifications for commuter status may be allowed to live off campus and may be exempt from participation in the military program.

ARMY ROTC SCHOLARSHIP (MEN AND WOMEN)

Army ROTC Scholarships are available on a competitive basis to men and women students for four, three, and two year periods. These scholarships provide all tuition and fees, as well as a stipend for textbooks and supplies. In addition, since scholarship winners are on contract to earn a commission, a monthly subsistence allowance of \$100 is provided to each individual. Three and two year scholarship nominees are selected from among applicants enrolled at North Georgia College by a faculty board. Those students selected are recommended in order of merit to the Department of the Army for final selection. Four year scholarships are nationally competitive and applications by interested individuals must be submitted early in the senior year of high school. Those interested in a four year ROTC scholarship should contact their high school counselor for detailed information on application procedures.

THE GEORGIA MILITARY SCHOLARSHIP

North Georgia College/Georgia Army National Guard Military Scholarships are competitively available to Georgia high school seniors with a minimum SAT score of 900 and a 3.0 high school average. These scholarships cover all costs for room, board, matriculation fees, books, and uniform fees. The scholarship winners serve in a pay status in the Georgia Army National Guard while at North Georgia College and upon graduation accept a commission and serve not less than four additional years in the Georgia Army Guard or the active Army upon concurrence of the State Adjutant General. A student should contact a local member of the Georgia General Assembly early in his/her senior year for an application and nomination. Completed applications must be returned to the legislator before 1 December. Applications will be received by the Georgia Student Finance Commission for submission to the Scholarship Selection Committee. This committee will select two qualified scholarship winners from each district. First and second alternate candidates will also be designated. Notification of winners will be made by 1 March. In the event a qualified applicant is not nominated from a district, a nominee may be selected from another district. Vacated scholarships will be filled for a remaining one, two or three years.

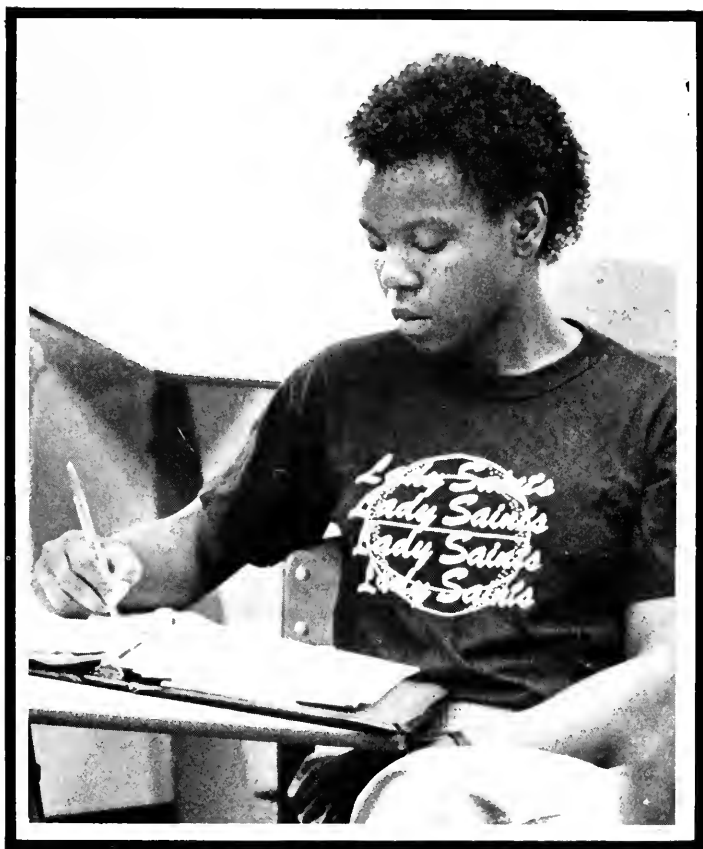
NORTH GEORGIA COLLEGE ROTC GRANT

All Georgia residents enrolled for a full academic course load and fully participating in the North Georgia College ROTC Program are eligible for a \$300 per year grant. This award is funded by the State of Georgia at the rate of \$100 per quarter.





ADMISSION



Opposite: A variety of intercollegiate and intramural sports are available to students. NGC conducts the nation's only 11-man, tackle intramural football program.

Above: In 1986, entering freshmen students posted the highest average SAT score among four-year colleges in the University System of Georgia.

ADMISSION

A person who wishes to enroll as a student at North Georgia College should file an application form which can be secured from the Director of Admissions. This form should be completed and sent to the College at least twenty (20) days prior to the beginning of the quarter for which the application is made. This application form, along with the high school transcript, should be returned to the Director of Admissions. The applicant is also required to complete the Scholastic Aptitude Test (SAT) given by the College Entrance Examination Board, or the ACT Assessment Program (ACT) of the American College Testing Program, and have his test scores sent to the college. Information regarding this test may be secured from high school counselors, any unit of the University System of Georgia, or from the College Entrance Examination Board, Post Office Box 592, Princeton, New Jersey. The applicant should have his high school counselor supply a transcript of his record. Students transferring from other colleges or universities should arrange with the Registrar to forward transcripts of credit earned.

An application for admission to the college will be considered only when all of the information described above has been assembled. Before acceptance, an applicant must have a predicted grade point average which indicates he is capable of carrying out effectively the academic programs of the college. This predicted academic average is based on the applicant's high school record and SAT or ACT scores.

In some instances, the applicant may be requested to come to Dahlonega for testing and interviewing by the Admissions Committee. If required, the Director of Admissions will notify the applicant of the time and place of the interview.

The college reserves the right to refuse applicants when it appears that the number of students already accepted will fill the college to its capacity.

REGULAR ADMISSION

1. The applicant must be at least sixteen years old on or before the registration date. He must be of good moral character.
2. The applicant must show that he meets the following conditions:
 - (a) That he is a graduate of an accredited high school or a high school that is approved by the college and that he has completed the approved pre-college curriculum of that high school.
 - (b) That he has passed satisfactory entrance examinations prescribed by the college.
3. The following specific units must be submitted by applicants to the college:

English (Grammar, Literature, Advanced Composition).....	4
Math (2 Algebra, 1 Geometry)	3
Social Science (American History, World History, Economics & Government)	3
Science (at least 2 from Biology, Chemistry or Physics).....	3
Foreign Language (same language)	2

The College reserves the right to refuse to accept any or all of the credits from any high school or other institution, notwithstanding its accredited status, when it is determined through investigation or otherwise that the quality of instruction at such high school or other institution is for any reason deficient or unsatisfactory.

Students who have been unable to schedule required courses should write to the Director of Admissions for information on ways of making up credit deficiencies.

4. A completed medical form is not required for acceptance. However, we strongly recommend that you have your physician complete the form so that North Georgia College's medical staff can properly plan for the care of all students. You may forward the completed form with your application or at a later date. This form is especially important

in those cases where the student has some condition requiring special assistance from the college.

5. A \$10.00 application fee is charged students applying to the college for the first time. This fee is not refundable and does not apply toward other college fees. After a student is accepted for admission to the college, he is asked to make a room reservation deposit of \$50.00.

For students entering the college in the Summer or Fall Quarters, the deposit is due by May 1st. If the acceptance occurs after May 1st, the deposit is due at the time of acceptance. If an accepted student decides to cancel his reservation, the deposit is refunded upon request, provided the notification of cancellation is received by the Admissions Office prior to July 1 for the Fall, November 15 for Winter, February 1 for Spring Quarter, and May 1 for Summer Quarter.

6. Students whose college entrance tests and/or high school academic record will not allow for regular admission to the College may be admitted as Developmental Studies students. These students will undergo a battery of tests and may be placed in non-credit Developmental Studies courses to prepare them for college level work. Admission to North Georgia College is conditional, and these students may be enrolled in college-level academic work for credit only after having successfully passed specific additional admissions tests or having successfully completed Developmental Studies Courses.

In special instances, Developmental Studies Students may be enrolled in specifically selected courses with the approval of the Head of the Department of Developmental Studies.

EARLY ADMISSIONS/JOINT ENROLLMENT

North Georgia College will allow certain high school students to enter college under the joint Enrollment or Early Admissions Plan. Students applying under this plan should have completed the eleventh grade and have credit for at least 11 of the 15 academic units required under the section for regular admission. Such students should present at least a B+ average or better, good SAT or ACT Scores, and an unqualified recommendation from the high school counselor or principal.

LEGAL RESIDENT REQUIREMENTS

A student is responsible for registering under the proper residency classification.

Students/applicants who are classified by North Georgia College as out-of-state but who later claim to qualify as in-state students must file a "Petition for Georgia Residence Classification" form with the Registrar. A student's tuition status is not changed automatically, and the burden of proof that the student qualifies as an in-state student under the regulations of the Board of Regents of the University System of Georgia rests with the student.

A person's legal residence is his/her permanent dwelling place. It is the place where he/she is generally understood to reside with the intent of remaining there indefinitely and returning there when absent. There must be a concurrence of actual residence and of intent to remain to acquire a legal residence.

Under the Constitution and laws of Georgia, the Board of Regents of the University System of Georgia was created to govern, control and manage a system of public institutions providing quality higher education for the benefit of Georgia citizens. The State, in turn, receives substantial benefit from individuals who are attending or who have attended these institutions through their significant contributions to the civic, political, economic and social advancement of the citizens of the State of Georgia.

Because the overwhelming proportion of financial support for the operation of the public institutions of higher education in Georgia comes from the citizens through the payment of taxes,

the determination of whether a student is classified as a resident or a nonresident of the State for tuition purposes becomes a significant matter. The tuition paid by in-state students covers only about one-fourth of the total cost of their education in the University System. Therefore, Georgia taxpayers are contributing three-fourths of the necessary funds to provide quality education for the citizens of the State.

The practice followed by state colleges and universities of assessing out-of-state students a higher tuition rate is a rational attempt by states to achieve a partial cost equalization between those who have and those who have not recently contributed to the state's economy, even though there is no precise way to determine the degree to which higher tuition charges equalize the cost of educating in-state and out-of-state students.

The durational residency requirement (usually twelve months) imposed by most, if not all, states is considered by the courts to be a reasonable period during which the new resident can make tangible or intangible contributions to the state before being allowed the benefit of attending state colleges upon the payment of in-state fees. Courts which have been faced with challenges to residency classification procedures have consistently recognized the right of public institutions of higher education to charge higher rates to out-of-state students and to adopt reasonable criteria for determining the establishment of in-state status. See *Martinez v. Bynum*, 51 U.S.L.W. 4524 (sup. Ct. May 2, 1983, *Starnes v. Malkerson*, 401 U.S. 985 (1971); *Sturgis v. Washington*, 368 Supp. 38 (W.D. Wa. 1973) aff'd mem. 414 U.S. 1057 (1973), and *Michelson v. Cox*, 476 F.Supp. 1315 (S.D. Iowa, 1979).

For the purpose of these regulations, the question to be answered is not primarily whether a student is a "resident" or "non-resident" of Georgia, but rather whether the student meets the criteria to pay University System fees on an "in-state" basis. The term "resident" is confusing because it is susceptible of several meanings as it relates to voter registration, driver's licenses, automobile registration, deeds, contracts, wills, income taxes, and other matters. A student may be a resident of Georgia for some purposes, but not entitled to in-state status for *tuition* purposes. To be considered as a "resident" for tuition purposes, one must have been a *bona fide* legal resident of Georgia for at least twelve months preceding the date of registration.

The Board of Regents has adopted certain policies governing the classification of students as residents and nonresidents for tuition purposes in keeping with its responsibilities to the citizens of Georgia for an appropriate assessment of fees and to insure that out-of-state students pay a fair and reasonable share of the cost of their education. The taxpayers of Georgia are thereby assured that they are not assuming the financial burden of educating persons whose presence in the state is not intended to be permanent.

TRANSFER STUDENTS

An applicant who has attended other colleges and maintained an academic average of "C" or better, has a clear conduct record, and is in academic good standing at his former college may be considered for admittance. A transfer student who has not completed 90 quarter hours of transferrable work must have completed an approved pre-college curriculum. Official high school transcripts and SAT or ACT scores are required of such a student.

All regulations applicable to students entering college for the first time shall be applicable to students transferring from other colleges, insofar as the regulations are pertinent to the applications of transfer students.

A transferring student should ask the registrars of colleges which he or she has previously attended to send official transcripts of college credit to the Director of Admission, North Georgia College, Dahlonega, Ga. 30597. The applicant's academic qualifications for admission will ordinarily be based on these college transcripts; however, the Director of Admissions may require high school transcripts to use in the evaluation. Students will not be admitted without required transcripts.

Even though the institution that the student last attended is an accredited institution, the Director of Admissions may reject the application or all or any part of previously earned credits if there is any reason to believe that the quality of the educational programs of the previous institution are unsatisfactory.

An applicant will not be considered for admission unless the transcript shows an honorable discharge from the college last attended or unless the officials of that institution recommend the applicant's admission.

Work undertaken at another institution by a student under academic suspension cannot be transferred to North Georgia College for credit toward a degree.

Transfer students-entering North Georgia College shall be subject to the following policies:

- (a) The amount of academic credit accepted for work done in another institution within a given period of time may not exceed the normal amount of credit that could have been earned at the College during that time.
- (b) The maximum academic credit accepted from a junior college is 95 quarter hours.
- (c) The total number of hours that may be earned toward a degree by either extension or correspondence courses shall not exceed 45 quarter hours.
- (d) A transfer student must take and pass The Regent's Test prior to earning a total of 75 quarter hours. A new transfer student with more than 75 quarter hours credit has one full quarter in which to take and pass The Regent's Test.

TRANSIENT STUDENTS

A student who has taken work in a college or university may apply for the privilege of temporary registration at North Georgia College. Such a student will ordinarily be one who expects to return to the college or university in which he was previously enrolled.

The following policies shall govern the admission of students on a transient status:

1. The student must apply for admission to North Georgia College.
2. The admissions officer must have evidence that the institution that the student previously attended was an accredited or an approved institution.
3. An applicant will be accepted as a transient student when it appears that the applicant's previous academic work is of a satisfactory quality. The Director of Admissions may require the applicant to submit a transcript of his previous college work.
4. An applicant for admission as a transient student must present a statement from the dean or registrar of the institution that he last attended recommending his admission as a transient student. Students on academic probation or suspension or on disciplinary suspension will not be admitted.

AUDITORS

Regularly enrolled North Georgia College students may register for courses as auditors. Students seeking admission solely for the purpose of auditing courses should contact the Director of Admissions. No academic credit shall be awarded to students enrolled on this basis. Fees assessed for courses audited are the same as fees for courses taken for credit.

RE-ENTRANCE OF STUDENTS

Students who have previously enrolled at North Georgia College but have discontinued their enrollment for any reason must submit an application to re-enter. Such students will not be required to re-submit all records required of new students, but must submit an application and deposit to the Director of Admissions at least twenty days prior to the registration date for the quarter they propose to re-enter. They will be formally notified of readmission.

CREDIT BY EXAMINATION

Credits may be awarded to entering students upon the presentation of acceptable official scores on certain standard examinations. Students wishing to have this credit awarded by North Georgia College should contact the Director of Admissions for approval prior to taking examinations. For further information see "Credit by Examination," in the section on Academic Regulations.



EXPENSES AND FEES



Above: Dr. John H. Owen (left), president of North Georgia College since 1970, speaks with Dillard Munford, one of several individuals, companies, and foundations to have made recent, substantial gifts to NGC. Such endowments and other contributions enhance the quality of instruction.

COLLEGE EXPENSES AND FEES

NOTICE — COSTS INDICATED ARE CURRENT AS OF 1 JANUARY 1987

ALL FEES, BOARD, ROOM RENT, AND OTHER CHARGES ARE DUE AND PAYABLE PRIOR TO EACH QUARTER OR AT REGISTRATION AND ARE ALL SUBJECT TO CHANGE AT THE END OF ANY QUARTER.

Following is a complete table of all costs at North Georgia College.

SUMMARY OF CURRENT QUARTERLY COSTS

Matriculation	347.00
Health Fee	30.00
Athletic Fee	16.00
Activity Fee	16.00
Yearbook Fee	6.00
Board	330.00
Room	270.00
	<hr/>
	\$1,015.00

An application fee of \$10.00 is required of all students and must accompany the application for admission.

A room deposit of \$50.00 is required of all dormitory students upon acceptance for admission.

A uniform fee of \$100.00 is required of all resident freshman men and those female students enrolled in the military program prior to any uniform alternations or issue.

Checks and money orders should be made payable to North Georgia College.

OTHER COSTS AND SPECIAL FEES (Includes Sales Tax)

Books and School Supplies, \$100.00 to \$150.00 per quarter average.
Personal expenses vary widely and obviously depend upon the student.

<i>SPECIAL CHARGES</i>	<i>AMOUNT</i>	<i>WHEN DUE</i>
Out-of-State Fee	694.00	Each quarter
Graduation Fee (undergraduate)	25.00	May 1 of graduation year
Graduation Fee (graduate)	30.00	May 1 of graduation year
Transcript Fee	2.00	Each copy over one
Late Registration Fee	1.00	Per quarter hour
Vehicle Registration (undergraduate)	3.00	Each Quarter
Vehicle Registration (graduate)	1.00	Each Quarter

EXPLANATORY NOTES

Note No. 1: Payments

Students and parents are expected to take notice of due dates on all payments and pay promptly without further notice or request. Open accounts cannot be carried and postdated checks cannot be accepted.

Note No. 2: Matriculation, Health, and Activity Fees

All students pay the established matriculation, activity fee, athletic and health fee. These fees cover all general fees of the college. Any student enrolled for more than five credit hours must pay the Health and Activity Fee.

Note No. 3: Board/Purchase of Meals

All students living in College dormitories are classified as boarding students and are required to pay the quarterly board fee.

Commuting students may purchase a meal plan if they desire.

Board charges cover meals in the College dining hall only, and no meals are furnished during College holidays.

No provisions can be made for special diets.

Note No. 4: Books

The estimated cost shown for books is based upon the average experience. Cost of books after the initial purchase may be considerably reduced should the student wish to sell his used texts and purchase similar used books.

Note No. 5: Purchase of Supplies

Gymnasium uniforms, books, and supplies must be paid for at the time of issue or at the time of purchase.

Note No. 6: Checks

Students who pay fees with checks returned for insufficient funds will be charged a returned check fee of \$15.00 or 5% of amount of the check, whichever is greater.

Note No. 7: Room Deposit

The room deposit will be carried forward to reserve a room each quarter until the student graduates or leaves school. Deposits will be refunded if the student cancels his/her room contract by the following deadlines: Fall Quarter, 1 July; Winter Quarter, 15 November; Spring Quarter, 1 February; Summer Quarter, 1 May. Failure to cancel a room by these dates will result in forfeiture of deposit.

REFUNDS

Formal withdrawal must begin with a written approval from the Vice President for Student Affairs or Associate Dean of Students. At the time this approval is granted, specific instructions will be given for the student to complete his formal withdrawal. Any deviation from this procedure will be considered as an irregular withdrawal and will result in the forfeiture or the loss of any refund due.

Students who formally withdraw from the institution during one week following the scheduled registration date are entitled to a refund of 80% of the fees paid for that quarter.

Students who formally withdraw from the institution during the period between one and two weeks after the scheduled registration date are entitled to a refund of 60% of the fees paid for that quarter.

Students who formally withdraw from the institution during the period between two and three weeks after the scheduled registration date are entitled to a refund of 40% of the fees paid for that quarter.

Students who formally withdraw from the institution during the period between three and four weeks after the scheduled registration date are entitled to a refund of 20% of the fees paid for that quarter.

Students who withdraw from the institution after a period of four weeks has elapsed from the scheduled registration date will be entitled to no refund of any part of fees paid for that quarter.

A refund of all quarterly non-resident fees, matriculation fees, and other mandatory fees shall be made in the event of the death of a student at any time during an academic quarter.

In case of withdrawal, a refund on board and room may be made on the number of full weeks remaining in the quarter.

In case of a change of status, from dorm to commute, after the first day of the quarter, a prorated refund may be given on board only. There will be no refund on room.

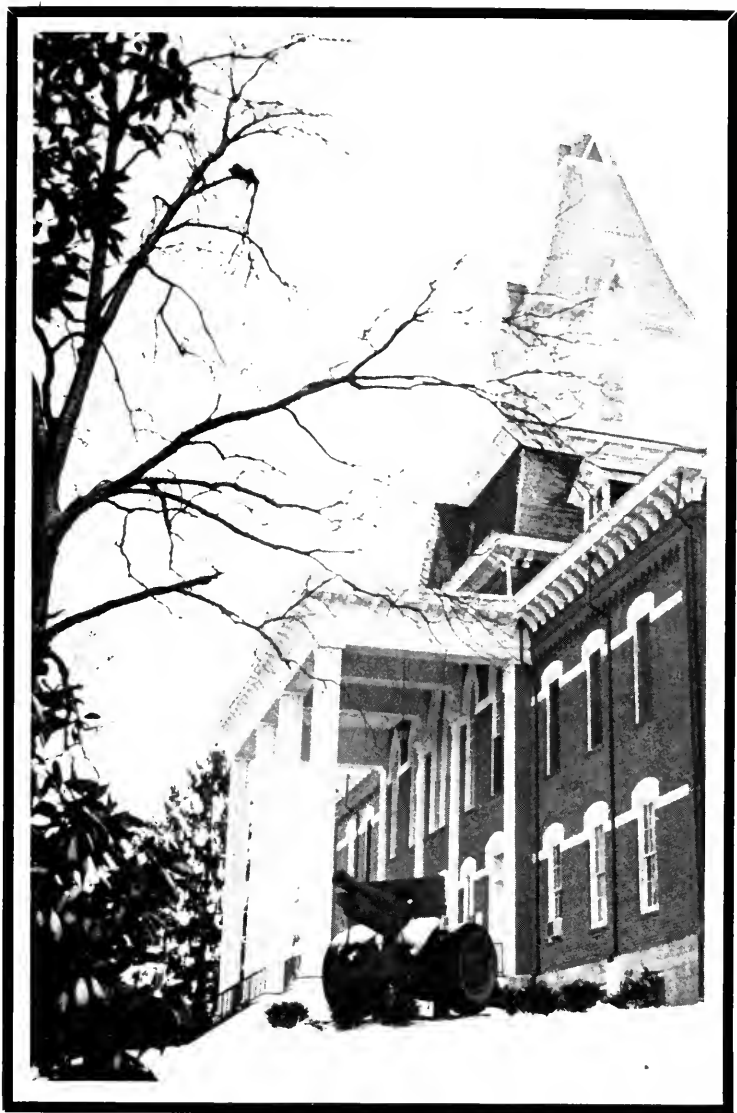
In case of excused absence, a refund on board, not room, may be given on that part of the student's absence which is in excess of two weeks.

Refunds over \$25.00 are sent directly to the student's home address or applied as credits to the student's account.

OVERNIGHT GUESTS

Student guests may be accommodated overnight in the dormitories by reservation with the Vice President for Student Affairs for \$5.00 per night. Guests must provide their own linens.

FINANCIAL AID



FINANCIAL AID

The primary purpose of the financial aid program is to provide assistance to students, who, without such aid, would be unable to attend college. Parents are expected to pay as much as they can afford, but beyond this point, the college offers a variety of aid programs consisting of loans, grants, scholarships and employment. No application for scholarship or loan, sponsored or supported from state or federal funds, may be considered until financial need has been established. Once need is established and amounts determined, the Financial Aid Director puts together for the individual a "Financial Aid Package" from various money sources.

All requests for financial assistance should be directed to the Director of Student Aid.

North Georgia College participates in the College Scholarship Service (CSS) of the College Entrance Examination Board. The CSS assists colleges in determining the student's need for financial assistance.

Students seeking financial assistance are required to complete an NGC College Aid Application and a Financial Aid Form designating North Georgia College as one of the colleges to which the report of financial need will be sent. The Financial Aid Form may be obtained from a local high school, the College, or College Scholarship Service, P.O. Box 176, Princeton, New Jersey. All applicants under age 23 must submit a complete and signed copy of their parents federal and state tax returns.

All financial aid recipients are required to meet appropriate **standards of satisfactory progress** as defined by this college. A copy of these standards can be obtained from the North Georgia College Financial Aid Office.

GRANTS

THE PELL GRANT

The "Pell Grant" is open to all students and is a federal aid program. The maximum grant under this program is \$2,300.00 in 1987-88 and \$2,500.00 in 1988-89. The award, however, may be less than this maximum amount, because the actual grant is based on the family's expected contribution and two other factors: (1) the amount of funds appropriated by Congress; and (2) the yearly educational costs, since the grant cannot exceed 60% of cost and because costs vary from college to college.

Any citizen of the United States who has **never** received an undergraduate degree is eligible to apply for this entitlement.

Application for this grant is made by submitting a "Needs Analysis Application" to the contractor designated by the U.S. Office of Education. This form may be secured from your high school counselor or the Financial Office.

NORTH GEORGIA COLLEGE ROTC GRANT

Please see a full explanation of this program on page 22.

SUPPLEMENTARY EDUCATIONAL OPPORTUNITY GRANT

The "SEOG" was established by the Higher Education Act of 1965 and is a direct award to students with exceptional financial need. The exact amount of the award depends upon the financial resources of the individual and parents and the cost of attending North Georgia College. This grant may range from \$100 to \$4,000.

SCHOLARSHIPS

GEORGIA INCENTIVE SCHOLARSHIP

The Georgia Incentive Scholarship program was created by an act of the 1974 Georgia General Assembly in order to establish a program of needs-based scholarships for qualified Georgia residents to enable them to attend eligible postsecondary institutions of their choice within the state. The scholarship awards are designed to provide only a portion of the student's resources in financing the total cost of postsecondary education.

NORTH GEORGIA COLLEGE MUSIC SCHOLARSHIPS

The C. J. Dismukes Scholarship Fund and the Alva N. Pendergrass Fund awards a limited number of music scholarships each year. These are awarded on the basis of merit. Further information may be obtained by writing the Coordinator of Music, North Georgia College, Dahlonega, Georgia 30597.

THE GLORIA SHOTT SCHOLARSHIP

The Gloria Shott Scholarship is available for entering freshmen or enrolled students with outstanding academic achievement and superior talent in the Fine Arts, and is renewable annually. Further information on these scholarships may be obtained by writing the Head of Fine Arts, North Georgia College, Dahlonega, Georgia 30597.

REGENTS' SCHOLARSHIPS

The Board of Regents of the University System of Georgia receives from the State certain funds from which scholarships may be granted to residents of Georgia attending institutions of the University System. These scholarships were established for the purpose of assisting students of superior ability who need financial aid in order to attend college. A student who wishes to apply for the Regents' Scholarship should direct his application to the Director of Student Aid, North Georgia College, Dahlonega, Georgia 30597.

THE GEORGIA MILITARY SCHOLARSHIP

Please see a detailed explanation of this scholarship on page 22.

NORTH GEORGIA COLLEGE SCHOLARSHIPS

The College has combined several sources of funding to establish the N.G.C. Scholarship Program. Entering Freshman with exceptionally high academic potential and currently enrolled students with demonstrated superior academic performance are eligible to apply. The number and value of scholarships will vary from year to year. Determination is based upon the availability of funds and the number of qualified applicants. Scholarship applications or additional information may be requested from Mr. Gary Steffey, Director of Admissions, or Mr. Arnold Hulsey, Director of Financial Aid.

STUDENT GOVERNMENT ASSOCIATION AND CLASS OF '62 LOAN FUND

Established in 1972, this fund is designed to provide financial assistance to those students in need of small, short-term loans. The money for this fund was donated by the Graduating Class of 1962 in memory of three of their classmates, by the Student Government Association, and by various faculty members.

The Fund is administered through the office of the Dean of Students. To be eligible for a Short-Term Loan, a student must be regularly enrolled as a full-time student at North Georgia College.

CARL D. PERKINS NATIONAL DIRECT STUDENT LOAN FUND

The college participates in the National Direct Student Loan Program established by the National Defense Education Act of 1958 as amended. NDEA funds are available to full-time, degree-seeking students regularly enrolled in college. Students attending summer school only are not eligible.

A maximum loan of \$2,250 for undergraduate work and \$4,500 for graduate work may be obtained each year for an overall maximum loan not to exceed \$9,000 for undergraduate and \$18,000 for graduate work. Loans must be repaid at 5% simple interest scheduled on a monthly basis beginning the first of the tenth month after you cease to be enrolled at least half-time. The total loan may be repaid over 10 years (depending on the size of the loan).

FEDERALLY INSURED STUDENT LOAN PROGRAM

These guaranteed loans are arranged through private banks and other financial institutions participating in the program. Undergraduate students may borrow as much as \$2,625 per year, for the first two (2) years of undergraduate study and \$4,000 per year for subsequent years of undergraduate study. Graduate students may borrow up to \$7,500.00 per year. The maximum loan limit for an undergraduate is \$17,250.00 and the graduate limit is \$54,750 including undergraduate amounts. Interest paid by the Federal Government until the student completes his education.

In Georgia, this loan program is administered by the Georgia Student Finance Commission (GSFC), 2082 E. Exchange Place, Suite 200, Tucker, Ga. 30084.

A list of financial institutions participating in the program may be obtained by contacting GSFC. Students who are residents of other states may inquire about this loan by contacting United Student Aid Funds, 845 Third Avenue, New York, N.Y. 10022.

BROWN LOAN FUND

The purpose of the Charles McDonald Brown Loan Fund is to aid worthy young men who are unable to pay their way through college. The applicant must be at least eighteen years of age in good health, and of proven intellectual ability. Students must reside in one of the following counties: Rabun, Habersham, Union, Towns, Fannin, Dawson, Murray, White, Lumpkin, Gilmer, Pickens, Cherokee, and Forsyth, in Georgia and Oconee, Anderson, and Pickens in South Carolina.

All applications for a Brown Fund Loan should be sent to Mr. W. Arnold Hulsey, Director of Financial Aid.

OTHER SOURCES OF FINANCIAL ASSISTANCE

STATE SCHOLARSHIP COMMISSION

Scholarships will be granted to legal residents of Georgia who would not otherwise have the necessary funds to finance programs of study in medically-related areas, including dentistry, nursing, pharmacy, social work, medical technology, etc. Stipends vary in relation to established need and the average cost of study at the college. Additional information and applications may be obtained from the Georgia Student Finance Commission.

PICKETT AND HATCHER EDUCATION FUND

The Pickett and Hatcher Educational Fund, Inc., is a nonprofit, noncommercial educational trust fund created to assist full-time undergraduate students in fields of study other than law, medicine, or the ministry. Low interest loans with deferred payments are made to qualified residents of Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, or Virginia. The deadline for submitting applications is July 1. For information and application forms write to: Pickett and Hatcher Educational Fund, Inc., Post Office Box 8169, Columbus, Georgia 31908.

EMPLOYMENT OPPORTUNITIES

Students who demonstrate need and otherwise qualify for the College Work-Study Program can be employed for up to 15 hours per week for full-time students. To be eligible, a student must be at least a half-time student (entering freshmen may be eligible for summer employment prior to Fall Quarter registration) or, in the case of a student already enrolled, be in good academic standing. The applicant must also be capable of maintaining good academic standing while employed under the program. Preference for employment is determined from an evaluation of the Parents' Confidential Statement and need analysis from the College Scholarship Service.



STUDENT SERVICES



Opposite: A variety of academic, professional, fraternal, religious, and special interest clubs, as well as student government groups, are active at NGC.

STUDENT SERVICES

COUNSELING AND CAREER GUIDANCE SERVICES

Personal, educational and vocational counseling is available to North Georgia College students at the Counseling Center. At no point during a student's undergraduate career at North Georgia College is he/she without access to personal counseling on any problem. Students are encouraged to seek the help of the Counselor for assistance in solving personal and social adjustment problems. Students are also offered aid in planning and organizing career goals, leadership workshops, and other campus projects. The Counselor is available to discuss any aspect of campus life. All contracts at the Counseling Center are CONFIDENTIAL.

PLACEMENT OFFICE

The Placement Office provides placement services for North Georgia College students. Information on current employment opportunities, assistance in resume preparation, interview techniques, interviews with prospective employers, and assistance with credential packets are among the services provided by this office.

TESTING OFFICE

The Testing Office administers group and individual tests for the college community. Available tests range from individual intelligence and personality tests to vocational inventories and large group tests such as the Graduate Record Exam, SAT, and Regents' Exam. The Testing Office seeks to aid students in recognizing their abilities and to provide guidance for realizing maximum benefits from their college experience.

FACULTY ADVISORS

Each student is assigned a faculty advisor who is to assist him or her in developing a program of study and to serve as confidant, guide and friend. Students should feel free to consult these advisors concerning academic problems.

HOUSING AND LIVING ACCOMMODATIONS

Applications for dormitory room are included as a part of the Admissions Packet and should be submitted to the Director of Admissions, North Georgia College. The room application is in the form of a contract which must be completed and notarized before processing can be finalized. Inquiries about room assignments should be directed to the Associate Dean of Students for women students and to the Assistant Commandant of Cadets for men students.

The General Policies on Housing for the North Georgia College campus are based on the philosophy that residence hall life is a vital part of the total educational function of the institution. Therefore, the policies which govern the management and operation of campus housing are:

1. All undergraduate students are required to live in residence halls. Exceptions to this policy may be made in the following cases:
 - a. Students who live in and commute from the residence of parents, grandparents, husband or wife, within a 40 mile radius of Dahlonega.
 - b. Students who have a baccalaureate degree.
 - c. Students who have completed 12 quarters in residence as a full-time college student.
 - d. Students who have been honorably discharged after one full year of active military service.

- e. Students over 23 years of age.

Application for exemption from the on-campus requirement must be made in writing to the Vice President for Student Affairs no later than thirty days prior to the beginning of the quarter during which the student anticipates living off campus. The student will be notified in writing of the decision. Application forms for commuter status are available as part of the Application Kit in the back of this catalog or in the office of the Vice President for Student Affairs. The college reserves the right to revoke this exemption and require the student to reside on campus and/or disenroll if he or she is found to be in violation of the college's residency regulations.

2. Roommate requests will be honored whenever space permits. Such requests can be accommodated more easily if the students concerned indicate their roommate preference on their application, submit applications at the same time, and check into the assigned residence hall together.
3. Rental rates on campus housing facilities are subject to change without notice.
4. All rooms are designed for double occupancy. Room rates are computed on this basis. Private rooms may be obtained on a space available basis for an additional \$100 per quarter.
5. Campus housing accommodations may be denied, cancelled, or changed at the discretion of the College. **The College reserves the right to enter and inspect any campus residence room or space at any time.**
6. The College assumes no responsibility for damage or loss of personal property arising from any incident over which it has no control.

A limited amount of storage space is available for storing personal items between the quarters students are in residence at NGC; however, the College cannot be responsible for items damaged or lost.

ON-CAMPUS HOUSING FOR MEN. There are two residence halls for men on the North Georgia College campus. (Simmons and Gaillard Halls). Each residence hall houses one of the Cadet Battalions. Furnishings within individual rooms include beds, chests, desks and a closet. Students are expected to provide their own pillows, linens, lamps, and radio/stereo. Comfortable lounge areas and coin-operated laundry facilities are also provided for student use.

ON-CAMPUS HOUSING FOR WOMEN. Residence halls for women include Lewis Hall (freshmen only), Lewis Annex, Donavon Hall, and Sanford Hall. Furnishings within individual rooms include beds, chests, desks and closets. Students are expected to provide their own pillows, linens, lamps, curtains (if desired), and radio/stereos. Comfortable lounge areas and coin-operated laundry facilities are also provided for student use.

NON-MILITARY HOUSING FOR STUDENTS EXEMPT FROM ROTC. Limited campus housing is available in the residence halls for all students who are not required to be enrolled in the Corps of Cadets.

HEALTH SERVICE

North Georgia College maintains an Infirmary facility on the campus for all students. The Infirmary is supported by a quarterly health fee. There is no additional charge for the professional service of the physician.

The Infirmary is open 24 hours a day during the week and at designated times during the weekend. Treatment for nearly all minor illnesses and injuries is provided. Serious cases are referred to Saint Joseph's Hospital in Dahlonega.

The College assumes no responsibility for injuries received in voluntary or required activities, for the cost of prescriptions not stocked within the Infirmary, for special nurses, for consultation

and hospital expense in the more serious cases of illness and accidents, for special X-ray work or surgery of any kind, nor for the health of students who do not abide by regulations of the infirmary or the instructions of the College Physician.

THE STUDENT CENTER BUILDING

The \$1.4 million Student Center Building houses areas designed for many different kinds of activities. A theatre offers an outstanding theatrical facility for drama, music and public affairs. A canteen complex provides dining and snack facilities. The activity area contains a game room and snack area. Offices for student activities, as well as meeting areas for campus organizations, are also provided. Lounge areas and TV rooms provide ample space for leisure and social activities.

GUESTROOMS. The Student Center provides two guest rooms that are available for alumni, parents, and official college guests, and may be rented on a nightly basis. Reservations should be made at least a week in advance to insure accommodations. Room rates are available upon request to the Director's Office.

CANTEEN/BOOKSTORE/POST OFFICE

The North Georgia College Canteen, Bookstore, and Post Office are located in the Student Center. They are operated for the convenience of students and faculty.

The Canteen provides a wide selection of soft drinks, sandwiches, and other refreshments. The Bookstore offers a complete line of school supplies and textbooks. *The Post Office maintains post office boxes for all students.* Each student is urged to check his post office box daily for communications from various departments and outside mail.

The correct mailing address for each student will be: name, NGC Box _____, Dahlonega, Georgia 30597.

ORIENTATION (INTRO)

North Georgia College sponsors a Summer Orientation Program for all new students. The program is conducted in four sessions during the summer and early fall. Faculty, administrators, staff members and student leaders conduct the program. The series of events in the program are planned to give new students information about the academic community, advanced placement and screening tests, assignment of faculty advisors, academic counseling, and to familiarize each student with the services and facilities of the college.

Upon acceptance at North Georgia College, each new student will receive by mail a brochure relating the pertinent information concerning the requirements, fees, etc. for participants in the Orientation Program.

STUDENT LIFE, GROUPS, AND HONORS



Above: Health profession and pre-medical majors are popular. In several recent years, 100% of the members of the NGC graduating class who applied to medical school were accepted.

STUDENT LIFE, GROUPS AND HONORS

North Georgia College is a unique educational institution, and one important reason for this uniqueness particularly pertinent to the students is the extent to which he or she is directly involved in the leadership and management of the organizations affecting student life. It would be hard to find any other tax supported institution in the United States that provides its students more worthwhile opportunities for direct and immediate involvement in actual student government than does North Georgia. These opportunities for practical experience in leadership and personnel management, for character development, and for assumption of responsibility are derived naturally and directly from the structured organization of the College's student body. This diverse student body is comprised of resident and non-resident members of the Corps of Cadets, resident and non-resident women, and commuting students who are not members of the Corps. The following paragraphs provide a brief explanation of the NGC student government, campus organizations, the manner in which resident students are organized for daily living, and some of the basic regulations by which all students are expected to gauge their conduct.

Rules and regulations governing student conduct are included in the Student Handbook. All students are provided with copies of the Handbook at the beginning of each year and are responsible for having a general knowledge of its content.

STUDENT GOVERNMENT ASSOCIATION (SGA)

The North Georgia College Student Government Association is composed of elected representatives from each class on campus and executive officers and is the ranking student organization on the campus. It is the coordinating body for various student activities, organizations and class elections, and is a medium for communication between the administration, faculty and the student body. The SGA annually prepares a budget recommending the allocation of Student Activity Fees.

CORPS OF CADETS

The Corps of Cadets is the governing body of all resident male students. The Corps is organized into a Brigade structure. Specific information on the Corps and the R.O.T.C. program may be found under the section entitled "The Military Program".

RESIDENT WOMEN'S AFFAIRS BOARD

The Resident Women's Affairs Board, which includes all women students at North Georgia College, was organized to promote the welfare of the women students at the College. The Board, made up of elected representatives, not only allows women students to become active participants in the governing of the student body, but also allows women to be significantly involved in the planning and implementation of many campus events through leadership positions.

COMMUTER STUDENTS

Males who qualify as commuters may attend the College in a non-military status. There is, of course, nothing to preclude a commuter from full participation in the College's military program. Students meeting any one of the exceptions listed under the section, Housing and Living Accommodations, may be granted commuter status.

Women students other than those who are married and living with spouse or in the home of parents, grandparents, or legal guardians are required to live in College housing. Married women students may apply for residence in dormitories on a space available basis.

Commuter students are subject to all appropriate college regulations included in the Student Handbook.

N.G.C. UNION GOVERNING BOARD

The N.G.C. Union Board is the planning and programming body for student activities on the N.G.C. campus. Any student interested in a variety of campus activities can contribute his/her ideas and talents by actively participating on the College Union Board. The Union Board, located in the Student Center, is a comprehensive program of student activities planned and executed by enthusiastic students. Seven Union Board Committees—Decorations and Hospitality, Ideas and Issues, Cultural Affairs, Publicity and Public Relations, Social Activities, Recreation, and Cinematic Arts—work with many phases of campus life to provide worthwhile educational, social, and cultural programs for the college community. The Union is a laboratory for living and for the education of the whole person.

STANDARDS OF CONDUCT

While the specific rules governing student conduct are spelled out in detail in the Student Handbook and Blue Book, the standards of conduct expected of North Georgia College students are basically those prevailing in any well ordered society comprised of intelligent, moral women and men. Minor infractions of rules are handled within the organizational structure of the Corps of Cadets and the residence life program. Serious breaches of the standards of conduct or College regulations are referred to the College Discipline Committee by the Vice President for Student Affairs. This committee is composed of faculty and students and is the primary judicial body on campus.

DISRUPTIVE CONDUCT

The Board of Regents of the University System of Georgia has stated that any student who, acting singularly or in concert with others, obstructs or disrupts, or attempts to obstruct, or disrupt, by force or violence, or by threat of force or violence, any teaching, research, administrative, disciplinary, public service or any other activity authorized to be held or conducted on the campus of North Georgia College or on any campus of the University System of Georgia, shall be subject to immediate dismissal.

The words “force” and “violence” shall be construed to include such obstructive and disruptive acts as stand-ins, sit-ins, and lie-ins.

Any student who remains in or refuses to vacate any building on the campus of North Georgia College or on the Campus of any institution within the University System of Georgia at a time when such building is normally, usually and customarily closed to students, and after having received notice to vacate from the President of the institution or other officer charged with the custody and control of the building, shall be subject to immediate dismissal.

VEHICLE REGULATIONS

Any student may register and keep a vehicle on campus provided his is qualified to do so under the laws of the State of Georgia and the College. All vehicles parked or operated on campus must be registered with Campus Security. The right of a student to operate and/or possess a vehicle is considered by the College to be a privilege which may be revoked for cause at any time. A quarterly vehicle registration fee of \$3.00 is payable at the beginning of each quarter's registration.

STUDENT GROUPS

Life at North Georgia College is enriched by a variety of groups and organizations. Some of these organizations encourage and direct the scientific, scholarly, artistic, or humanitarian interests of students and of the faculty and administration. Some provide honorary recognition for achievement. Others are purely social or combine learned interests with social recreation. No attempt is made in the following section to present a detailed account of all organization and their activities. Full information is provided in the Student Handbook which is distributed to all students at the beginning of each year.

ORGANIZATIONS

HONORARY ACADEMIC ORGANIZATIONS: Alpha Lambda, Phi Kappa Phi

HONORARY PROFESSIONAL ORGANIZATIONS: Phi Alpha Theta (History), Phi Beta Lambda (Business), Sigma Pi Sigma (Physics).

RELIGIOUS ORGANIZATIONS: Baptist Student Union, Latter Day Saint Club, Newman Club, Wesley Foundation, Westminster Club.

GENERAL GREEK LETTER ORGANIZATIONS: Sororities: Three national chapters—Alpha Gamma Delta, Kappa Delta and Phi Mu. One local chapter—Zeta Delta Alpha. Fraternities: Four national chapters—Pi Kappa Phi, Sigma Chi, Sigma Phi Epsilon, and Sigma Nu. One local chapter—Sigma Omega.

MILITARY ORGANIZATIONS: Aggressor Platoon, Association of the United States Army, Blue Ridge Rifles Drill Platoon, Color Guard, Golden Eagle Band, Officers' Club, Non-Commissioned Officers' Club, Order of Colombo, and Rifle Team.

SPECIAL INTEREST GROUPS: Chorale, College Union Governing Board, Concert Band, Council on Fraternities, Criminal Justice Society, Cross-County and Track Club, Fencing Club, Foreign Language and International Cultures Society, Georgia Association of Nursing Students, Mu Epsilon Delta, Music Teachers' National Association, Panhellenic Council, Physical Education Majors' Club, Recreation Association, Resident Women's Affairs Board, Social Concerns Organization, Society of Physics Students, Society for Advancement of Psychology, Student Accounting Society, Student Association for Childhood Educators, Student Council for Exceptional Children, Student Education Association, Student Government Association, Students for Social Awareness, Theatre Studio, and Weight Lifting Club.

HONORS AND AWARDS

PRESIDENT'S LIST

Students who have a grade point average of 4.0 while carrying a normal academic load will be placed on the President's List.

DEAN'S LIST

Students who have a grade point average of 3.5 while carrying a normal academic load with no grade below "B" will be placed on the Honors List for the succeeding quarter.

An Honors Day program is held at the end of the Spring Quarter in recognition of those students who are on the Honors List for the Winter and Spring quarters.

HONORS PROGRAM

The college offers an honors program in a number of departments. Students demonstrating superior abilities are given the opportunity to enroll in special courses designed to make the maximum use of their capacities.

SENIOR HONORS

A student is graduated Summa Cum Laude if his over-all grade ratio is 3.9; Magna Cum Laude if the grade ratio is 3.7; Cum Laude if the grade ratio is 3.5.

WALTER J. CARPENTER MATHEMATICS AWARD

Each year the faculty members of the Mathematics Department select a recipient of this award on the basis of mathematical performance and potential from among those students who have received credit for Mathematics 246 during the previous three most recent academic quarters, but have not earned a total of more than 135 quarter-hours. Normally, the student chosen will be a freshman or sophomore.

CLARK MEDAL

Each year the faculty members of the Mathematics Department select a recipient for this medal based on mathematical ability and performance from among those students who have completed the three-quarter calculus sequence, plus two courses at the three or four-hundred level.

DISTINGUISHED MILITARY STUDENT

The DMS is awarded to senior ROTC students who possess outstanding qualities of leadership and high moral character, have exhibited a definite aptitude and interest for the military service, and have attained an overall academic standing in the upper half of their college class and the upper third of their ROTC class. Each student designated a DMS may apply for a commission in the Regular Army.

DISTINGUISHED MUSICIAN AWARD

A cash award is made annually to the student who makes a continued outstanding contribution to and achievement in the music program.

GOLDEN FEATHER AWARD

Up to two awards are presented annually to a female cadets, recognizing academic excellence and significant contributions to the Corps of Cadets. Selection of recipients is made by the Professor of Military Science and the Advisor to Women for the Corps. The award was established in 1982 in memory of Cadet Gretchen Anne Blaschke.

GOOD CONDUCT AWARD

This bar is awarded to ROTC students at the end of their first year based upon their compliance with regulations formulated by the Professor of Military Science and the Commandant of Cadets.

PAUL M. HUTCHERSON OUTSTANDING STUDENT AWARD

An Alumni Association award presented to a student of North Georgia College who has exhibited by his or her personal conduct and behavior, as well as individual accomplishments in campus, home, or community life, those traits of personal character and human endeavor which reflect on himself, his family and friends an unusually high degree of credit and which also exemplify the highest ideals of citizenship encouraged of all students of North Georgia College.

HAWKINS CITIZENSHIP AWARD

This award in the form of a key is given each year to a graduating senior selected by the entire faculty who has been outstanding in general campus citizenship. The senior's name is engraved on a plaque which remains with the college in honor of those who have been selected.

MERITORIOUS LEADERSHIP ACHIEVEMENT AWARD

The Commanding General, U.S. Army First ROTC Region annually awards a Certificate of Meritorious Leadership Achievement to the ROTC student who has demonstrated the most outstanding qualities of leadership during the academic year.

MEYER-RAEBURN AWARD

In memory of Abner A. Raeburn, this award is presented to the cadet who has displayed strong moral and ethical concepts, courtesy in his behavior, and respect for recognized authority.

MILITARY HISTORY AWARD

The Association of the United States Army presents an award annually for excellence in the study of military history in ROTC units.

MR. & MISS NGC

Established by the Student Government Association, this annual award is presented to the senior male and female student whose academic achievements, service, leadership and contributions to campus life best exemplify the ideals and goals of North Georgia College. The selection is made by vote of the student body. The award consists of a plaque and a picture permanently displayed in the Student Affairs area of Barnes Hall.

OAKES-FREEMAN ACHIEVEMENT AWARD IN BUSINESS ADMINISTRATION

Annually, at the Honors Night Assembly, a \$100 Series E United States Government Bond will be awarded to the Business Administration or Business Education major graduating with the highest grade-point average for the entire four-year program of study determined at the close of the winter quarter.

THE LAMAR PITTARD MEMORIAL AWARD

This award was established in 1973 in memory of Captain Lamar Pittard, a 1968 graduate of North Georgia College, who was accidentally killed in Germany in 1972.

While a student at North Georgia College, Captain Pittard was a proud member of the Blue Ridge Rifles Drill Team. Because of high interest in the Drill Team, and his desire to perpetuate its goals, this award has been established by his family to annually recognize the outstanding member of the Blue Ridge Rifles.

The award consists of an appropriately engraved trophy and a monetary award (Savings Bond) presented to the recipient each year during Parents' Day Ceremonies. Additionally, a larger plaque will be on permanent display at the College recognizing past recipients.

SILER SCHOLARSHIP PLAQUE

This award is presented annually to that student who has earned the highest quality-point ratio for not less than 75 quarter hours at North Georgia College.

STEWART MEMORIAL AWARD

Established by the family of the late Joseph S. Stewart, former President of North Georgia College, this award will be presented to the outstanding senior athlete who has best exemplified the outstanding characteristics most desirable of a North Georgia College student.

THE WALL STREET JOURNAL AWARD

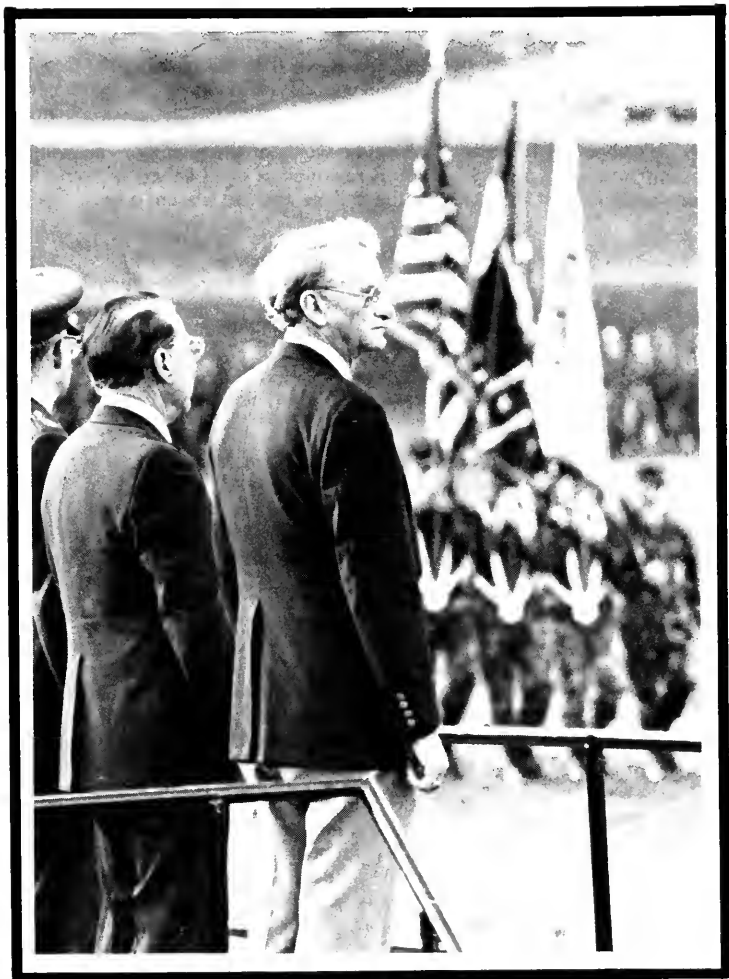
This award is given annually to the graduating senior in Business Administration or Business Education who has demonstrated superior classroom leadership.

WHO'S WHO IN AMERICAN COLLEGES AND UNIVERISTIES

Members of Who's Who are selected from the Junior and Senior Classes and graduate students on the basis of scholarship; service to the College; contributions to and leadership in campus extra-curricular activities; and spirit and degree of cooperation with administration, faculty, and fellow students in furthering general college policies and ideals.



ACADEMIC REGULATIONS



Above: H. Dean Propst, Chancellor of the University System of Georgia, reviews the North Georgia Corps of Cadets.

Opposite: The Mountain Order of Colombo is one of a number of special interest military organizations.

ACADEMIC REGULATIONS

It is the responsibility of the student to be familiar with the academic regulations of North Georgia College.

Each student is urged to read the regulations carefully and to seek interpretation from his academic adviser or from the Office of the Vice President for Academic Affairs in the event that there should be any questions.

COLLEGE HONOR

At North Georgia College, a sense of self-respect, dependability, and high honor prevails. Hence, any degree of dishonesty in areas of academic work, or the giving or receiving of unauthorized help in any quiz, test, or examination is regarded as one of the most serious offenses that can be committed against the honor of the college and the student group.

ACADEMIC CREDITS

Credits are expressed in terms of quarter hours. One quarter hour is the credit given for the work of one hour per week throughout one quarter. A course that is taken five times a week for one quarter carries five quarter hours of credit. Laboratory science and some courses in other disciplines carry credit value of one hour for each lecture period and one hour for each required laboratory period.

UNIFORM GRADING SYSTEM

Uniform Grading System. All institutions of the University System of Georgia shall be on a 4.0 grade point average system. The following grades are approved for use in institutions of the University System of Georgia and are included in the determination of the grade point average:

A	— Excellent	4 quality points per quarter hour
B	— Good	3 quality points per quarter hour
C	— Satisfactory	2 quality points per quarter hour
D	— Passing	1 quality point per quarter hour
F	— Failure	No quality point per quarter hour
WF	— Withdrew	No quality point per quarter hour

The following grading symbols are approved for use in the cases indicated, but will not be included in the determination of the grade point average.

- I — This symbol indicates that a student was doing satisfactory work but, for non-academic reasons beyond his control, was unable to meet the full requirements of the course. If an "I" is not satisfactorily removed after one quarter of residence, the symbol of "I" will be changed to the grade "F" by the appropriate official. Under special circumstances, this period of time can be increased with the approval of the department head and the Vice President for Academic Affairs.
- IP — In Progress (for Developmental Studies only)
- W — This symbol indicates that a student was permitted to withdraw without penalty. Withdrawals without penalty will not be permitted after the midpoint of the total grading period except in cases of hardship as determined by the appropriate official of the respective institution.
- V — This symbol indicates that a student was given permission to audit this course. Students may not transfer from audit to credit status or vice versa.
- K — This symbol indicates that a student was given credit for the course via a credit by examination program.

CUMULATIVE GRADE POINT AVERAGE

Cumulative Grade Point Average. The cumulative grade point in each institution of the University System of Georgia will be calculated by dividing the number of hours scheduled in all courses attempted in which a grade of A, B, C, D, F, or WF has been received into the number of grade points earned on those hours scheduled. The cumulative grade point average will be recorded on the student's permanent record.

For graduation, every candidate for a degree must complete a minimum of 185 quarter hours of academic work, exclusive of Basic Physical Education. The student must have a minimum contract grade point average of 2.0 on all work presented for graduation, including Basic Physical Education.

CHANGES IN GRADES

All grade changes must receive the approval of the Vice President for Academic Affairs before they can be recorded by the Registrar. Any grade will be changed upon a written statement by the instructor that the grade reported was in error.

A candidate for graduation who makes a grade of F in his or her last year in an upper-division course necessary for a degree may have the privilege of one re-examination provided there is no opportunity to repeat the course, and the approval of the instructor, the head of the student's major department and the Vice President for Academic Affairs is secured. Grades in not more than two courses may be changed by this method.

CHANGES IN PROGRAMS OF STUDY

Lower-division study programs are changed only by the permission of the Vice President for Academic Affairs upon recommendation of the Academic Advisor. Upper-division study programs are changed only by written authorization from the Head of the Department concerned and the Vice President for Academic Affairs.

Changes in study programs should be made during the first three days of the quarter. Withdrawal from a course after the first three days will result in a grade of W (withdrawal, passing) or WF (withdrawal, failing) as determined by the instructor. University System regulations require that students being withdrawn from classes after mid-term will receive the grade of WF. Students with serious medical problems and other students with justifiable reasons for withdrawing after mid-term may appeal the WF grade through the office of the Vice President for Academic Affairs. The courses with grades of WF and F are included in computing grade point ratio, but grades of W are excluded.

Conflicts in schedules are resolved by the Registrar of the College. Students are held responsible for unauthorized changes of schedule, which may result in a loss of college credit.

CLASSIFICATION OF STUDENTS

For enrollment in the Sophomore Class, a student must have passed 45 quarter hours of work; in the Junior Class, 90 quarter hours; the Senior Class, 135 quarter hours.

GRADE REPORTS

At mid-quarter, a report of unsatisfactory grades (D, F, or WF) is sent to students with academic deficiencies. At the close of each quarter, a report of the student's work is sent directly to the student at his/her home address.

ACADEMIC PERFORMANCE GUIDELINES

Every student at North Georgia College is encouraged to achieve the highest level of scholarship. Since a grade point average of 2.0 or better is required for graduation, this should be regarded as the minimum satisfactory level of academic achievement.

In order to give the student a reasonable opportunity to meet the requirements for graduation, the following policies have been established:

Any student whose grade point average does not meet the following minimum standards will be referred to the Academic Review Committee, which may recommend probation or suspension.

45 quarter hours attempted 1.5 grade point average
90 quarter hours attempted 1.7 grade point average
135 quarter hours attempted 1.9 grade point average

In addition, a student in good standing initially enrolled for ten quarter hours or more must earn credit in at least one five-hour course to be eligible to register for the succeeding quarter.

PROBATION AND SUSPENSION

A student who is placed on probation must remove the probationary status while officially enrolled in and attending classes at North Georgia College. Probation can be removed by achieving the required minimum standards on hours earned and grade point average as outlined above.

While on Academic Probation, any student who earns fewer than 10 hours credit and 15 quality points shall not be eligible to register for the following quarter. If a student remains on Academic Probation for three successive quarters and fails to remove himself from Probation at the end of the third quarter, he will not be eligible to be enrolled the following quarter.

Students suspended at the end of the Spring Quarter will not be eligible for re-admission until the Winter Quarter of the following year.

Students who fail to meet the above regulations because of illness or because of an approved sub-normal load may receive such special consideration as their cases merit.

Work undertaken at another institution by a student under academic suspension cannot be transferred at a later date for credit toward a degree at North Georgia College.

After a student has been suspended, it will be necessary that he submit an application for re-admission to the Director of Admissions before his return to the institution can be considered.

REGENTS' TESTING PROGRAM (RTP) PROBATION

Any student who has 60 hours or more of degree credit and has not sat for the RTP will be placed on RTP Probation. A student on RTP Probation who does not sit for the Regents' Test will not be eligible to be enrolled for the following quarter.

Any student with 75 hours or more of degree credit who is enrolled in remediation as a result of not having passed the RTP will be placed on RTP Probation if he or she receives a WF for excessive absences in DVST 076 or DVST 077 and does not pass the Regents' Test. A student on RTP Probation who receives a WF for excessive absences in DVST 076 or DVST 077 and does not pass the Regents' Test will not be eligible to be enrolled for the following quarter.

A student on RTP Probation will not be eligible for financial aid.

A student on RTP Suspension must take the Regents' Test before he or she may apply for re-admission to the College.

A first quarter transfer student is not subject to the requirements listed above during the first quarter of enrollment only. However, a first quarter transfer student who transfers 45 or more hours to North Georgia College must attempt to pass the Regents' Test during the first quarter of enrollment at North Georgia College.

STUDENT LOAD

A student who is initially registered for twelve quarter hours or more will be classified as "full-time" student.

A normal or average student load is from fifteen to eighteen hours exclusive of Military Science and basic Physical Education.

A freshman student whose high school record and entrance tests indicate inadequate preparation may be advised to carry a reduced load during the adjustment to college level work.

COURSE-LOAD VARIATIONS

A student wishing to carry a schedule other than the normal load may file a written request with the Registrar for:

- (1) Fewer than 10 academic hours, exclusive of basic Physical Education and basic Military Science.
- (2) An increase in the normal load when there is difficulty in making up a practical schedule or when a satisfactory program demands it.
- (3) In no case will the college authorize a load in excess of 21 quarter hours, exclusive of basic Physical Education and Military Science.
- (4) Except for the senior student whose schedule is required for anticipated graduation, no overloads will be authorized for students who do not have the 2.0 grade-point average.

A student who reduces his load to fewer than five hours after the quarter has begun, exclusive of Military Science and Physical Education, will be withdrawn from the institution. This regulation does not apply to Special Students.

CLASS ATTENDANCE

The College expects all students to attend classes regularly. It is recognized that absences will sometimes be necessary. When a student is compelled for any reason to be absent from class, he should immediately convey the reason for his absence directly to the instructor. The decision to permit students to make up work required in any class missed rests with the instructor. The unexcused absence, or "cut", is not regarded as a student privilege.

If a student's absences exceed any of the following, it shall become the prerogative of the instructor to drop the student from the class rolls with a "W" or "WF", or to continue him/her in class.

- 7 absences in a 5 hour class
- 4 absences in a 3 hour class
- 3 absences in a 2 hour class
- 2 absences in a 1 hour class

Instructors are encouraged to give special consideration to extenuating circumstances such as extended illness, family emergencies, and hazardous weather conditions before deciding to drop a student from the class rolls for excessive absences.

ELIGIBILITY FOR EXTRACURRICULAR ACTIVITIES

To be eligible for intercollegiate activities, the student must be enrolled in a minimum of 12 credit hours at the time of participation and accumulate a total of 24 credit hours in the two terms of attendance immediately preceding the term of participation. The second term student, i.e. freshman, must have passed nine credit hours in his first term of attendance.

Except where required as part of class work in a course in which he is registered for credit, a student on academic probation is not eligible to participate in any extracurricular activity in which he would represent North Georgia College.

The special eligibility requirements for editor or business manager of student publications is an academic average of C for the preceding quarter. This applies both for appointment and for continued tenure.

TRANSIENT STUDENT PERMISSION

Any student may apply to the Office of the Registrar in writing for authorization to complete certain courses in another college or university as a transient student. This application must be approved by the Registrar before enrollment in the course. If an academic major has been chosen, the application must also be approved by the Head of the Department concerned. Transient student permission will not be granted to students on academic probation or for the purpose of repeating courses.

CREDIT BY EXAMINATION

“Credit By Examination is essentially the awarding of credit for theoretical knowledge gained outside of the traditional classroom situation.” (Credit By Examination, Proceedings from Workshops in the West, 1971).

North Georgia College offers Credit By Examination upon approval of the academic department concerned and the Vice President for Academic Affairs when scores on nationally standardized examinations (CLEP, etc.) or other academic experience strongly indicates that the student has acquired the information or skills related to given courses of instruction offered by the college.

Credit awarded by examination can be given only for courses officially approved for academic credit by the college. This credit carries no academic grade and is not computed into the grade point average.

In no instance will the college award more than 45 hours of Credit By Examination.

Application forms for Credit By Examination are available in the Office of the Vice President for Academic Affairs, North Georgia College, Dahlonega, GA, 30597.

REQUIREMENTS FOR GRADUATION

For interpretation of the requirements for graduation, the student is urged to seek advice from his academic adviser or from the Office of the Registrar. It is the responsibility of the student to be familiar with these requirements for graduation.

CORE CURRICULUM

North Georgia College, as a unit of the University System, has implemented the University System Core Curriculum in order to satisfy requirements for the degree. The Core Curriculum is divided into four basic areas:

- I. Humanities, including, but not limited to, grammar and composition and literature
.....20 hours
English 101-102 (10 hours)
English 203, 204, 205, 206, 207 (5-10 hours)

Where only five hours of the above 200-level literature courses are listed, Fine Arts 205, Fine Arts 250 or Fine Arts 252; Art 150, Art 151, or Art 152; or French 101, 102, 211, 212; German 101, 102, 211, 212; Spanish 101, 102, 211, 212; or Modern Languages 201 may be substituted to fulfill the remaining five (5) hours.

- II. Mathematics and the natural sciences, including, but not limited to, mathematics and a 10-hour sequence of laboratory courses in the biological or physical sciences

.....20 hours
The following courses may be considered to fulfill the requirements in Math; Math 101, 102, 119, 120, 202, 245.

The 10-hour science requirement must be taken in sequence and may be fulfilled by any of the following block of courses. Astronomy 104, 105; Biology 105-106 or Biology 105-107; Chemistry 101-102, 101-103; Chemistry 121-122; Physics 223-224 or Physics 223-225.

In order to complete 20 quarter hours, the student may take any additional five hours of course work in Biology, Chemistry, Mathematics or Physics at the 100-200 level.

- III. Social Sciences, including, but not limited to, history and American Government

.....20 hours
The following courses may fulfill requirements in this area:

Five hours from: 100-200 level History

Five hours from: Political Science 101

Ten hours from: Anthropology 100, Psychology 101, 205, Sociology 100, Business Administration 221, 222, Political Science 205, additional courses from 100-200 level history.

- IV. Courses appropriate to the major field of the individual student

.....30 hours

BASIC PHYSICAL EDUCATION

All students are required to take six courses in basic physical education as a part of the requirements for graduation. See "Required Physical Education for Women and Men", Department of Physical Education.

MILITARY SCIENCE INSTRUCTION

Since North Georgia College is a Military College, graduation of cadets includes the requirement for successful completion of 18 hours of Military Science instruction unless exempted by the Vice President for Academic Affairs upon the recommendation of the Professor of Military Science. For the fulfillment of this requirement, all cadets, including those transferring in from other institutions, are required to successfully complete a Military Science class each quarter.

REGENTS TESTING PROGRAM

An examination to assess the competency level in reading and writing of all students enrolled in undergraduate degree programs in University System institutions shall be administered. The following statement shall be the policy of the Board of Regents of the University System of Georgia on this examination.

Each institution of the University System of Georgia shall assure the other institutions, and the System as a whole, that students obtaining a degree from that institution possess literacy competence, that is, certain minimum skills of reading and writing.

The Regents' Testing Program has been developed to help in the attainment of this goal. The objectives of the Testing Program are: (1) to provide systemwide information on the status of student competence in the areas of reading and writing; and (2) to provide a uniform means of

identifying those students who fail to attain the minimum levels of competence in the areas of reading and writing.

Passing the Regents' Test is defined as having passed all components of the Test by scoring above the cutoff score specified for each component. The Test may be administered either in its entirety or as one or more components depending on the needs of the students. If one component of the Test is passed, that component need not be retaken; this provision is retroactive to all students who have taken the Test in any form since the inception of the program.

The intent of this policy is that passing the Regents' Test occur before the end of the student's sophomore year, that is, before the completion of 105 hours of degree credit. Students who fail the test must retake and pass the Test. Each institution shall provide an appropriate program of remediation and shall require deficient students to participate in that program prior to retaking the test.

A student holding a baccalaureate or higher degree from a regionally accredited institution of higher education will not be required to complete the Regents' Test in order to receive a degree from a University System institution.

Students enrolled in undergraduate degree programs shall pass the Regents' Test as a requirement for graduation. Students, including transfer students and/or readmitted students, are encouraged to take the test as soon as they have completed English 101. Students will be **required** to take the test in the quarter after they have earned 60 hours of degree credit if the test has not been passed previously, regardless of whether the student has earned credit in English 101. Any student who does not take the test during this quarter will be placed on Regents' Test Program (RTP) Probation until such time as that student sits for the Regents' Test. Students on RTP Probation are not eligible for Financial Aid.

All students who have taken and have not passed the Regents' Test during the quarter in which they will have earned 75 hours of degree credit shall take the appropriate non-degree credit course or courses in remedial reading and/or remedial writing in each quarter of attendance until they have passed all components of the Test.

Having passed the Regents' Test shall not be a condition of transfer into an institution. All transferring students shall be subject to all provisions of this policy.

Students whose mother tongue is other than English may be exempted from taking the Regents' Test by the institution provided appropriate local procedures are employed to certify the literacy competence of those students earning a degree.

A student may request a formal review of his/her failure on the essay component of the Regents' Test if that student's essay received at least one passing score among the three scores awarded **and** if the student has successfully completed the courses in English composition required by the local institution. This review will be conducted in accordance with Board approved procedures.

ATTENTION TRANSFER STUDENTS

Students transferring sixty or more quarter hours or the equivalent must sit for the Regents' Test during the first quarter of attendance. These students should register for the test at the office of Testing, Barnes Hall, 208, **within ten (10) days** after the beginning of the initial quarter of enrollment at North Georgia College. Failure to register for the test or to take the test may result in probation.

STUDENT TESTING

The college affirms its prerogative to require all students to take any examination which may, from time to time, be required for institutional or University System evaluation and to assess each student for the cost of such examination.

FOREIGN LANGUAGE REQUIREMENTS

Language, where required for the degree, unless so stated elsewhere, should be started no later than the beginning of the second year.

In the arts and sciences, (i.e., all those fields in which a B.A. or B.S. degree is earned, with the exception of Criminal Justice, Education, Physical Education, Craft/Marketing, and Recreation) the foreign language requirement is 20 hours in one language for the B.A. degree and 15 hours in one language for the B.S. degree.

In the area of Psychology, a student may substitute five hours of statistics and ten hours of Computer Science for the Modern Language requirement for the Bachelor of Science Degree.

In the area of Computer Science, ten hours of Modern Language are required.

The Foreign Language Requirement is optional in Dual Degree Programs with Georgia Tech and Clemson, and with the three-year pre-medical degree program.

Students offering two high school units in a foreign language will be admitted to the third course (211) of that language, thereby reducing the foreign language requirements for such students to ten quarter hours. If the student wishes to take the 101 and 102 sequence in his high school language, he will receive no credit for these courses.

The student is advised to commence fulfillment of the language requirement as soon as possible. Failure to do so may lead to a delay in graduation, since the sequence of language courses is not offered from the beginning level every quarter. A failing grade in any given course may, therefore, delay a student as much as one year.

All R.O.T.C. scholarship students must agree to successfully complete at least one quarter of a Foreign Language as a condition of their scholarship. In accordance with the policy of the Department of the Army, North Georgia College encourages all of its R.O.T.C. students, scholarship and non-scholarship, to complete at least four quarters of foreign language training.

MAJORS AND MINORS

By the time a student has accumulated ninety quarter hours credit, he should have decided upon a field of study. At least fifty quarter hours credit must be successfully completed in this field.

Within the field and under the direction of the department head, the student selects a departmental major of at least thirty quarter hours and a closely-related departmental minor of at least twenty quarter hours.

The student must maintain a minimum average of 2.0 in his field of study.

In the field, both required and elective courses must be approved by the student's adviser and by the Vice President for Academic Affairs. The program then becomes a requirement for the degree. All approvals must be in writing and filed in the Office of the Registrar.

No major or minor may be changed without written recommendation from the major professor and approval by the Vice President for Academic Affairs. Such changes will usually not be permitted later than the third quarter of the junior year. The change will probably result in loss of credit required for the degree and may necessitate an additional quarter or more to meet the outlined requirements of the proposed new program.

CANDIDACY FOR THE DEGREE

Membership in the Senior Class does not within itself imply candidacy for the degree. Before the degree can be conferred, all indebtedness to the college must be met and published requirements for the particular degree fulfilled. Responsibility for meeting these requirements rests upon the student, and each candidate should check his program for graduation with the Registrar. Formal written application for the degree must be filed with the Registrar at least six weeks before the

student expects to complete the outlined degree requirements. Special forms for this application may be secured from the Registrar.

a. For the Bachelor of Arts Degree, the Bachelor of Business Administration Degree, and the Bachelor of Science Degree, the student must complete the requirements of the core curriculum, must fulfill the major and minor requirements, and offer sufficient approved elective courses to bring the total number of credit hours to at least 185, excluding basic Physical Education, but to include for all cadets 18 hours in Military Science or equivalent academic courses approved by the Vice President for Academic Affairs.

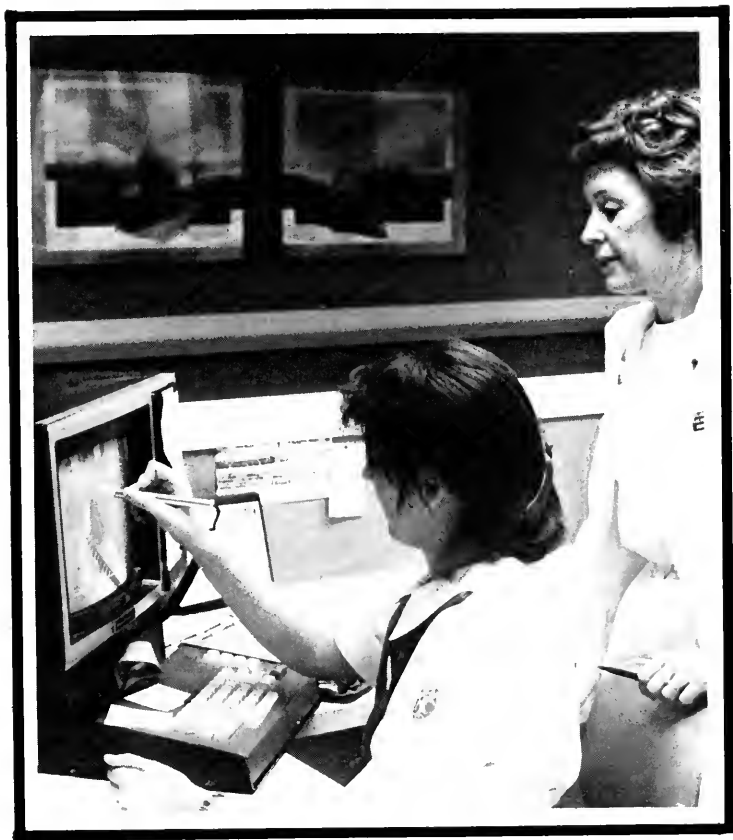
b. A Georgia law requires that all candidates for a degree from an institution supported by public funds shall pass an examination "of the History of the United States and the History of Georgia," and an examination "upon the provisions and principles of the United States Constitution and the Constitution of Georgia." The Social Science Department will administer these examinations upon written request from the student and at such time and place as convenient to the student and the Department. However, the requirements for instruction in the above areas can be met by satisfactorily completing Political Science 101 (for the state and national Constitutions) and History 100, 251, 252, or 253 (for the state and national history).

c. A student must complete the last forty-five quarter hours in residence prior to the awarding of the degree. In special instances, students may be allowed to take transient courses for elective credit during the last forty-five quarter hours with the approval of the Department Head and the Vice President for Academic Affairs.

d. Graduation depends upon quality of work done as well as quantity. A student must have a minimum grade-point average of 2.0 on all work presented for graduation, including basic Physical Education and basic Military Science. A minimum average of C must be maintained during the last three quarters, regardless of the number of quality points previously earned. Not more than 25 percent of the credits for graduation may be of D grades.

e. No student may be declared a graduate of the college until all requirements for entrance and for graduation have been met, the degree conferred, and the diploma awarded. Each candidate must be present at graduation unless excused in writing by the Vice President for Academic Affairs.

COURSES OF STUDY



Above: The college's newest program is the Bachelor of Science in Nursing degree. Clinical experience is a key component of the nursing majors.

COURSES OF STUDY

PRE-PROFESSIONAL PROGRAMS

PRE-LAW: A legal education requires a liberal arts background of a broad scope. The well prepared beginning law student may have majored in any one of several subject matter areas. But regardless of his major, he will have to learn to communicate effectively by written and oral expression. Since the life of the law has been experience, a knowledge of the history of human development is essential. The law is executed through government, and a knowledge of political institutions and processes is invaluable. The law is shaped by many social forces, and courses in sociology, psychology, economics and related courses are recommended. In brief, a broad liberal arts program is preferable to a narrow concentration in a few subject matter areas.

Most law schools now require an undergraduate degree for admission. Therefore, during the first two years, the pre-law student should concentrate on courses leading to a baccalaureate degree. The pre-law adviser will assist the student in selecting courses from the following:

English (20 hours)	Political Science (5 hours)
Science (10-15 hours)	Psychology (5 hours)
Math (5-10 hours)	Military (for military students)
History (10 hours)	Basic Physical Education
Modern Languages (see Language Requirements)	

The pre-law student is expected to declare a major after the first two years of study.

PRE-MEDICINE: The pre-medical student may earn a degree in any field of concentration offered at North Georgia College. Normally, the pre-medical curriculum consists of a minimum of 75 quarter hours of physical science in order to satisfy requirements for admission to medical college. However, pre-medical students are urged to develop strong backgrounds in the humanities and social sciences.

A student may apply for admission to medical college at the end of three years, provided minimum requirements for admission have been satisfied. Preference is given, however, to those students who have completed a baccalaureate program. The pre-medical course of study is provided to allow those students admitted to an accredited medical college at the end of three years to use credits earned during the first year of medical college to complete requirements for a degree from North Georgia College. Students who are admitted to medical college after four years must meet all requirements for a degree at North Georgia College. The pre-medical program is designed to provide counseling and to aid students in preparing for a medical career. It is not an academic major.

Courses for the pre-medical student will be assigned by the pre-medical advisor until a specific major has been selected. After that time, courses will be assigned by the student's major professor and coordinated with the pre-medical advisor.

THREE YEAR PRE-MEDICAL PROGRAM

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101, 102	10	Mathematics 101, 102 or 119-120	10
English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Modern Language	0-5	Biology 105-106 or 105-107	
		Chemistry 121-122	
		Physics 223-224	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Chemistry 121, 122, 123	0-15
100 or 200 level History	5-15	Biology 105, 106 or 107, 225	0-15
Courses from Psychology 101, 205		Physics 223, 224, 225	0-15
Sociology 100, or Anthropology 100	0-10		

ELECTIVES — (to bring the total number of credit hours to at least 135 exclusive of Physical Education)

NOTE — Prerequisites for entrance to the Medical College of Georgia require that the 135 hour total include the following:

Chemistry	30 quarter hours
Biology	25 quarter hours
Physics	15 quarter hours
English and Humanities	15 quarter hours

A student who wishes to receive a degree from North Georgia College under the three year pre-medical program must fulfill the requirements for the Core Curriculum outlined above. The program outlined above does not apply to students who graduate from the College after more than nine academic quarters of attendance.

PRE-VETERINARY MEDICINE

GENERAL EDUCATION REQUIREMENTS:

Biology 105, 106 or 107, 225, 324, 300-400 level courses (one); Chemistry 121, 122, 311, 331, 332; English 101, 102; Physics 223, 224 and a course in Animal Nutrition.

OTHER REQUIREMENTS: Courses to satisfy the general Core requirements and total 105 quarter hours; however, the vast majority of successful applicants will have met the requirements for a Biology degree with a Chemistry minor.

TWO-YEAR PRE-PROFESSIONAL ALLIED HEALTH PROGRAMS

North Georgia College offers two-year pre-professional work in the following Allied Health programs: Dental Hygiene, Medical Records, Nursing, and Physical Therapy. The following courses may be transferred for further work in these disciplines.

DENTAL HYGIENE

GENERAL EDUCATION REQUIREMENTS:

Biology 105, 106 or 107; Biology 250, 251; Chemistry 101 or 121; Speech 211; English 101, 102; English 203, 204, 205, 206, 207 (any one); History 100; Mathematics 101 or 119; Political Science 101; Psychology 101; Sociology 100; one elective from Psychology or Sociology; electives to complete 90 hours.

MEDICAL RECORDS

GENERAL EDUCATION REQUIREMENTS:

Biology 105, 106, 250, 251; Chemistry 121; English 101,102; English 203, 204, 205, 206, 207 (any two); Business Administration 10 hours; History 100; Mathematics 119; Political Science 101; Psychology 101; Electives to complete 90 hours.

MEDICAL TECHNOLOGY

GENERAL EDUCATION REQUIREMENTS:

Biology 105, 106 or 107, 250, 251, 280; Chemistry 121, 122, 123, 230; English 101, 102; English 203, 204, 205, 206, 207 (any two); History 100; Political Science 101; Psychology 101; and History 111; Mathematics 101 or 119; Physics 223.

OTHER REQUIREMENTS: Military Science for military students and Physical Education for all students.

PHYSICAL THERAPY

GENERAL EDUCATION REQUIREMENTS:

Biology 105, 106 or 107, 225; Chemistry 121, 122, English 101, 102; English 203, 204, 205, 206, 207 (any two); History 100; Mathematics 101, 102, 245; Psychology 101; Physics 223 and 224 or 225; Political Science 101; Sociology 100; Electives to complete 90 hours.

PRE-DENTAL (TWO YEARS)

The minimum requirements for admission to dental school are at least 90 quarter hours.

GENERAL EDUCATION REQUIREMENTS:

Biology 105, 106 or 107; Chemistry 121-122, 331, 332; English 101-102; 203, 204, 205, 206, 207 (any two); Physics 223 and 224 or 225; Mathematics 101-102 or 119-120; Electives to complete a minimum of 90 hours.

PRE-PHARMACY (TWO YEARS)

GENERAL EDUCATION REQUIREMENTS:

Biology 105, 106 or 107; Chemistry 121, 122, 123, 331, 332; English 101, 102; any 200 level literature course; Speech 211; Physics 223, 224; Mathematics 119; Political Science 101; Business Administration 221; History 251 or 252.

OTHER REQUIREMENTS: Any Social Science elective to complete 90 hours; and meet the general requirements for Physical Education.

PRE-FORESTRY

Pre-forestry students should be advised by the Biology faculty from the first year.

DEPARTMENT OF BIOLOGY

Mac A. Callaham, Department Head

MAJOR IN BIOLOGY

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 102, 119, 120, 240	10
Courses from English 203, 204, 205, 206, 207	10	245	10
		Sciences: (one ten-hour sequence)	10
		Chemistry 101-102 or 121-122;	
		Physics 223-224; or 223-225	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Biology 105-106 or 105-107	10
100-200 level History courses	5-15	French, German or Spanish	10-15
Courses selected from the following:	0-10	Chemistry 101-102 or 121-122	0-10
Anthropology 100		Physics 223-224; or 223-225	0-10
Psychology 101		Biology 225, 226, 221, 222	0-10
Sociology 100			
Business Admin. 221, 222			

ADVANCED PLACEMENT

Student completing Advanced Placement Biology and scoring four or higher on the examination may enroll in courses for which Biology 105, 106 are prerequisites.

COURSES IN THE BIOLOGY MAJOR	45
Biology 222, 225, 226, 320, 326, 350, 430 plus two courses at the 300/400 level chosen under the direction of the Head of the Department.	

COURSES IN THE MINOR	25-30
Biology majors should minor in Chemistry, Mathematics, Physics, or Psychology (requirements for the minor are listed in each departmental offerings).	

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
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BASIC PHYSICAL EDUCATION REQUIREMENTS	6
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MODERN LANGUAGE REQUIREMENTS: German or French 101-102-211; or 211-212, preferred; Spanish acceptable	10-15
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U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN BIOLOGY — SECONDARY EDUCATION

See academic advisor for core curriculum requirement alternatives.

COURSES IN THE MAJOR

Biology 221 or 222, 225, 226, 315, 320, 326, 350, plus 5 hours in 300-400 level courses; Chemistry 121, 122, 123; Physics 223, 224, 225.

OTHER REQUIREMENTS: Physical Education 309, 390; Special Education 360

PROFESSIONAL EDUCATION SEQUENCE

Education 204, 305, 311C, 421C, 431C

ELECTIVES (to bring total number of credit hours to minimum of 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (for military students)

BASIC PHYSICAL EDUCATION REQUIREMENTS (to include 103, 104)

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MINOR IN BIOLOGY

Biology 225-226 or 221-222 plus 10 hours chosen from the following: 320, 326, 350, 430. 20

COURSES IN BIOLOGY

- 105. GENERAL BIOLOGY: DIVERSITY OF LIFE IN THE ENVIRONMENT** **5 hours**
An introductory course considering the diversity of life with emphasis upon implications for humans. Also included: biological classifications and evolutionary relationships; populations, communities, ecosystems; and human ecology. Four one-hour lectures and one two-hour laboratory each week.
- 106. GENERAL BIOLOGY: HUMAN BIOLOGY AND ECOLOGY** **5 hours**
An introductory course surveying the anatomical and physiological systems of humans with a comparison of other animal systems; human inheritance and development; stress and other environmental influences and interactions. Four one-hour lectures and one two-hour laboratory per week.
- 107. GENERAL BIOLOGY—MOLECULAR AND CELL BIOLOGY.** **5 hours**
Prerequisites: Biology 105 and/or 106. This course, designed primarily for science majors, addresses the fundamentals of biological chemistry, cell structure and function, bioenergetics, classical and modern genetics, protein synthesis, gene regulation and genetic engineering. Four one-hour lectures and one two-hour laboratory session per week.
- 201. ENVIRONMENTAL SCIENCE** **5 hours**
Spring Quarter
Prerequisites: Biology 105 and 106. A survey course in the fundamentals of ecology and the application of ecological principles to outdoor recreation and current environmental problems and issues in society. Laboratory experiments and field studies will supplement concepts considered in lecture. Four lectures and one two-hour laboratory/field session per week.
- 225. INVERTEBRATE ZOOLOGY.** **5 hours**
Fall and Spring Quarters.
Prerequisites: Biology 105 and 106 or by permission of Head of Department. This course precedes other upper-level courses in the department. The structure and activities of lower animals will be stressed. The student will acquire dissection techniques and a knowledge of the phylogenetic relationships of the invertebrate animals. Four lectures and one two-hour laboratory session per week.

- 226. STRUCTURE AND EVOLUTION OF VERTEBRATES** **5 hours**
 Prerequisite: Biology 225. An introduction to the diversity of the vertebrates. The lecture will include a survey of the vertebrates with emphasis on the evolution of vertebrate groups and vertebrate organ systems. The laboratory will stress the development of dissecting skills and the study of vertebrate anatomy through the dissection of the dogfish and the cat. Three lectures and two two-hour laboratory sessions per week.
- 221, 222. BOTANY** **5, 5 hours**
Fall and Winter Quarters.
 Prerequisite: Biology 105 or by permission of Head of Department. A study of the biology of plants to include structure, physiological processes, diversity, and evolutionary development. Biology 221 deals primarily with the structure, function, and growth of plant cells, tissues, and organs. Biology 222 places emphasis on the diversity and evolutionary development of the major plant groups. Additionally, both courses treat the basic aspects of plant taxonomy, heredity, and ecology. Four hours of lecture and one, two-hour laboratory period per week.
- 250, 251. HUMAN ANATOMY AND PHYSIOLOGY** **5, 5 hours**
Fall and Winter.
 A systematic study of the structure and function of the human body, beginning with a detailed examination of cell and tissue organization and proceeding through all the organ systems. The laboratory utilizes models, charts, animal dissections, human tissues and organs, and the equipment involved with the study of physiological processes. Four lectures and one, two-hour laboratory per week.
- 280. MEDICAL MICROBIOLOGY: INFECTION AND IMMUNITY.** **5 hours**
Spring Quarter.
 Prerequisites: Biology 105-106 or 250-251. Some chemistry recommended. A course for students preparing for nursing, medical and pre-professional health related fields. The course covers a basic background in microbiology and includes nomenclature, principles of microscopy, physiological and chemical characteristics of growth, cultivation, sterilization and disinfection, epidemiology, pathogenicity and virulence, and a survey of representative infectious and communicable diseases of man. The laboratory includes the use of living microbes to develop a proficiency in handling, isolating, cultivating, identifying and differentially testing microorganisms. Three lectures and two, two-hour laboratory session per week.
- 301. PLANT TAXONOMY.** **5 hours**
Spring Quarter.
 Prerequisites: Biology 221 and 222 or by permission of Head of the Department. An introductory plant taxonomy course utilizing the spring wildflowers of North Georgia to treat the principles of systematics, nomenclature, classification, phylogenetic relationships, and collecting techniques. Four lectures and one, two-hour laboratory periods per week.
- 310. HUMAN FORM AND FUNCTION** **5 hours**
Spring Quarter.
 Prerequisites: Biology 105 and 106. A human anatomy and physiology course designed for physical education majors, open to early childhood and middle grades education majors. Deals with human organ systems in relation to activity and health. Laboratory study employs a systems approach using models, charts, and dissections. Four hours of lecture and one two-hour laboratory per week.

- 315. SEMINAR IN TEACHING OF BIOLOGY 5 hours**
Winter Quarter.
Prerequisites: Ten hours of introductory level college biology plus a minimum of three 200-400 level biology courses or permission of instructor. A seminar in techniques and procedures for illustrating central concepts in Biology. A survey of the history of science education and a consideration of modern perspectives in biology are also included. This course is required for secondary education majors in biology but is available to all who wish to gain insight into teaching in the biological sciences. The course meets five hours per week.
- 320. GENETICS. 5 hours**
Winter and Summer Quarters.
Prerequisite: Biology 106, or by permission of the Head of the Department. A study of the principles of heredity in plants and animals, with applications to human heredity. Four lectures and one, two-hour laboratory period per week.
- 323. PARASITOLOGY. 5 hours**
Prerequisites: Biology 225 or by permission of Head of Department. A course for biology majors and those in the pre-professional medical programs. The course will include a detailed study of the nature of parasitism, the classification, morphology and life histories of animal parasites and the epidemiology, pathology and treatment of parasitic diseases of man, domestic animals and other selected hosts. Three hours of lecture and two, two-hour laboratory periods per week.
- 324. INTRODUCTORY MICROBIOLOGY. 5 hours**
Fall Quarter.
Prerequisites: Biology 221 and two courses in Chemistry or by permission of the Head of the Department. An introduction to the principles of microbiology, utilizing the microorganisms to facilitate an understanding of the life processes. The course is designed for biology majors and students in pre-professional medical programs. The laboratory phase includes exercises to develop proficiencies in the microbiological techniques. Four lectures and one, two-hour laboratory period per week.
- 326. ECOLOGY. 5 hours**
Spring Quarter.
Prerequisites: Four courses in Biology or by permission of Head of Department. A study of plants and animals in their relations to each other and to the physical and chemical factors of the environment. Four lectures and one, three-hour laboratory periods per week.
- 340. IMMUNOLOGY. 5 hours**
Winter Quarter.
Prerequisites: Biology 280 or 324, and two courses in Chemistry or by permission of the Head of the Department. An introduction to the principles of immunology to include: structure and function of the cells participating in the immune response, structure and biology of antigens, antibodies, and lymphokines. Additionally, hypersensitivity, auto-immunity, molecular recognition at cell surfaces, and cancer biology will be treated. Laboratory exercises will demonstrate the basic antigen-antibody reactions, antibody titering, and the principles of diagnostic immunology. Four lectures and one, two-hour laboratory period per week.

350.	PHYSIOLOGY.	5 hours
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Fall Quarter.

Prerequisites: Biology 225 or 250. An advanced course which explores in detail the function of cells, tissues and organs. Students will examine and evaluate current literature in professional journals and conduct independent experiments which will be reported using an acceptable scientific format. Laboratory will include introduction to techniques in physiological research. Four lectures and one two-hour laboratory per week.

430.	CELL BIOLOGY.	5 hours
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Spring Quarter.

Prerequisites: Two upper level Biology courses and two courses in Chemistry or by permission of the Head of the Department. An integrated approach to the biochemistry, physiology, and morphology of the plant, animal, and prokaryote cell. Topics include: cell architecture, energy transduction, regulatory and feedback pathways, organellogenesis, membrane biogenesis; and the methods and special problems encountered in studying these phenomena. Additional topics include: viroids and viruses, bacteria and plasmid technology, intracellular parasitism and symbiosis, specialized cells, antibody formation, hybridomas, and cancer cells. Four lectures and one two-hour laboratory per week.

445.	EVOLUTIONARY BIOLOGY	5 hours
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Winter Quarter.

Prerequisites: Four courses in Biology or by permission of Head of Department. A study of the principles of evolutionary biology utilizing specific examples. The course will begin with a historical review showing how evolutionary ideas became possible with the growth of biological knowledge. This will be followed by consideration of the mechanisms of evolution and of evolution as a process affecting contemporary organisms including humans. The latter portion of the course will deal with what has happened in the past and how we know about it, and will trace the evolutionary origins of the major groups of plants and animals culminating in a study of human evolution. Four lectures and one two-hour discussion/seminar sessions per week.

460.	MARINE BIOLOGY	5 hours
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Summer Quarter.

Prerequisites: Biology 225, Biology 326, or by permission of the Head of the Department. This course covers basic principles of marine biology with particular emphasis on the marine communities of the Georgia coast. The course will begin with a brief study of physical and chemical oceanography. This will be followed by a description of the ecology of the major marine habitats. Students will become familiar with the flora and fauna of marine communities during a four-day field trip to the Georgia coast, and a three-day field trip to the Florida coast. Participation in these trips is mandatory for successful completion of the course requirements.

470.	ANIMAL HISTOLOGY.	5 hours
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Fall Quarter.

Prerequisites: Biology 225 and 226. A study of selected tissues in the organ systems of Vertebrates. Laboratory work involves the microscopic study of Mammalian tissues. In addition, each student will use a number of microanatomic technic to prepare a series of animal tissue slides. Three lectures and two, two-hour laboratory periods per week.

- 480. GENERAL EMBRYOLOGY. 5 hours**
Spring Quarter.
Prerequisites: Biology 226. A study of the germ cells and early development stages of vertebrates. Emphasis is placed on organology of the chick, pig, and human. Three lectures and two, two-hour laboratory periods per week.
- 475 a,b,c,d,e. SEMINAR IN BIOLOGY. (each) 1 hour**
Prerequisites: Twenty hours in Biology or by permission of the Head of the Department.
- 495 a,b,c,d,e. INDEPENDENT STUDIES. (each) 1 hour**
Offered on a voluntary basis to qualified biology majors during the junior and senior years by permission of the Head of the Department. The student will pursue advanced study under the supervision of a staff member.

DEPARTMENT OF BUSINESS ADMINISTRATION

H. Lawrence Dennis, Department Head

PURPOSE AND OBJECTIVES

The general purpose of the Department of Business Administration is to provide a program of both liberal and specialized education that will prepare our students for beginning useful careers as business leaders or high school teachers.

The specific purposes of the Department of Business Administration are: 1. To provide the knowledge and analytical techniques that are essential to successful employment after graduation; 2. To develop within the student the ability to work with and to lead others; 3. To prepare students for the successful pursuit of graduate study in business administration, accounting, economics, office management, marketing, management, or business education.

ACCEPTANCE, PROGRESS AND CONTINUATION AS A BACHELOR'S DEGREE CANDIDATE

Any regularly admitted student to North Georgia College will be accepted in the Department of Business Administration. Students will be assigned an advisor from among the Business Department faculty members who will assist the student in planning and scheduling course work to progress toward a degree.

A student who desires a degree in Business Administration or Business Education will be expected to follow a logical sequencing of courses and make satisfactory progress toward completing one of the specified programs of study. As an example, advisors will not permit business students to enroll in any 300 or 400 level business administration courses unless all Area I, II, III, and IV courses are either completed, in process, or scheduled currently with such upper division courses.

Students accepted in the Business Administration Department should be aware of the fact that "D" grades in the 200 level business courses, although considered as passing, indicate a very high probability of not achieving acceptable grades in the upper division courses. Accordingly, students should examine their status periodically to evaluate whether or not a change in their degree field would be appropriate and advantageous.

Students entering the Business Administration Department are required to demonstrate proficiency in keyboarding skills. This proficiency may be demonstrated by passing an exemption test or by successfully completing BADM 109. Proficiency is defined as being able to straight copy a minimum of 25 words per minute on a keyboard.

In addition to meeting the requirements specified under Academic Regulations for all degrees, candidates for Bachelor of Business Administration Degree must have a 2.0 average with not more than 3 "D" grades in the 14 upper level courses required for the degree.

Candidates for T-4 Certification in Business Education must have "C" or better grades in each course of their teaching major.

BACHELOR OF BUSINESS ADMINISTRATION DEGREE

Students enrolling in the Department of Business Administration have the option of pursuing a program of studies leading to the Bachelor of Business Administration Degree with a major in accounting, economics, finance, marketing, management, and office management. Students may

also wish to participate in the Dual Degree Program, where a Bachelors of Business would be earned at North Georgia College and either a Bachelors of Science in Industrial Management or Masters of Science in Industrial Management would be earned at Georgia Institute of Technology.

BACHELOR OF SCIENCE DEGREE IN BUSINESS EDUCATION

The objective of this program is to prepare teachers of business subjects. Option A of the certification program is designed to prepare well-qualified teachers of all high school business subjects including shorthand. Option B is designed to prepare well-qualified teachers of all high school business subjects excluding shorthand. Both Options A and B emphasize courses in computer science. These options provide an appropriate balance of general education, business administration content, secretarial/clerical skills, and professional education courses. This program meets the certification requirements of the State Department of Education, and the graduate will be eligible for the T-4 Certificate.

Students applying for student teaching in business education will be required to demonstrate proficiency in basic business skill areas prior to the Business Department advisor's approval for student teaching.

Arrangements for this proficiency evaluation should be made by the student at least two quarters prior to the quarter when a student wishes to be placed for student teaching and prior to application to the Department of Education. The method and place of the evaluation will be determined by the Head of the Business Administration Department.

ASSOCIATE OF SCIENCE DEGREE IN OFFICE ADMINISTRATION

The two-year AS degree program is designed for the office administration student who plans to enter the work force after two years of study. Concentration is on business skill courses while simultaneously studying the basic courses in Areas I, II, III, and IV. This student may apply course credits toward a BBA degree.

ONE-YEAR CERTIFICATE PROGRAM

The one-year certificate program focuses on basic math, English, and business skills. Upon completion of the requirements, the student receives a certificate from North Georgia College. This student may apply course credits toward a Two-Year Associate of Science Degree or a BBA degree.

MINORS IN BUSINESS

Minors in Accounting, Business Administration, Economics and Office Administration are available for non-business majors desiring to complement their majors. In order to complete the minor the student must meet the course requirements listed on page 79 and have a 2.0 average in the minor.

**BACHELOR OF BUSINESS ADMINISTRATION
ACCOUNTING, ECONOMICS, FINANCE, MANAGEMENT, MARKETING OR
OFFICE MANAGEMENT**

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101-202	10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Fine Arts 252 or Art 150, 151, 152 or Music 205 or any appropriate course in the Modern Languages	0-5	Biology 105-106; 105-107 Chemistry 101-102; 121-122 Physics 223-224; or 223-225; or Astronomy 104-105	
AREAS III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Business Administration 221, 222, 231, 232, 251, 261	30
100-200 level History courses	5-15		
Courses selected from the following:	0-10		
Anthropology 100			
Psychology 101, 205			
Sociology 100			
ACCOUNTING MAJOR (For Core Curriculum Requirements see above)			
Accounting Major			
Common Body of Knowledge: BADM 324 or 321, 344, 353, 354, 361, 371, 392, 495			40
Major courses: BADM 331, 332, 333, 435, 436, 438			30
ELECTIVES (To bring total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (For Military Students)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			
ECONOMICS MAJOR (For Core Curriculum Requirements see above)			
Common Body of Knowledge: BADM 324, 344, 353, 354, 361, 371, 392, 495			40
Major Courses: BADM 321, 322, 426, 427, 428, 446			30
ELECTIVES (To bring total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (For Military Students)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

FINANCE MAJOR (For Core Curriculum Requirements see above)	
Common Body of Knowledge: BADM 324, 344, 353, 354, 361, 371, 392, 495	40
Major Courses: BADM 427, 436 or 437, 446, 447, 448, and one of the following: BADM 341, 342, 435	30
ELECTIVES (To bring total number of credit hours to at least 185 exclusive of Physical Education)	
MILITARY SCIENCE REQUIREMENTS (For Military Students)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	
MANAGEMENT MAJOR (For Core Curriculum Requirements see above)	
Common Body of Knowledge: BADM 324 or 321, 344, 353, 354, 361, 371, 392, 495	40
Major Courses: BADM 426, 427, 437, 455, 465, and one of the following: 466, 467, or 474	30
ELECTIVES (To bring total number of credit hours to at least 185 exclusive of Physical Education)	
MILITARY SCIENCE REQUIREMENTS (For Military Students)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	
MARKETING MAJOR (For Core Curriculum Requirements see above)	
Common Body of Knowledge: BADM 324 or 321, 344, 353, 354, 361, 371, 392, 495	40
Major Courses: BADM 372, 427 or 465, 466 or 467, 474, 475, 476	30
ELECTIVES (To bring total number of credit hours to at least 185 exclusive of Physical Education)	
MILITARY SCIENCE REQUIREMENTS (For Military Students)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	
OFFICE MANAGEMENT MAJOR (For Core Curriculum Requirements see above)	
Common Body of Knowledge: BADM 324 or 321, 344, 361, 371, 392,	25
Major Courses: BADM 310*, 311, 312, 314**, 315, 316, 317, 417, 418, 426 or 465, 437	40 - 47
ELECTIVES (To bring total credit hours to 185 exclusive of basic Physical Education)	
MILITARY SCIENCE REQUIREMENTS (For Military Students)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

*Not open to students having more than one year of high school credit in typewriting/keyboarding.
**Students presenting high school credit in shorthand may substitute an approved course for such high school credit.

OFFICE MANAGEMENT WITH LANGUAGE SKILLS

Common Body of Knowledge: BADM 324 or 321, 344, 361, 371, 392 25

Major Courses: BADM 310*, 311, 312, 314**, 315, 316, 317, 417, 418, 426 or 465. 35 - 42

FOREIGN LANGUAGE (30 hours)

French, Spanish, or German 102, 211, 212, 301, 302, 315 30

ELECTIVES (To bring total credit hours to 185 exclusive of basic Physical Education)

MILITARY SCIENCE REQUIREMENTS (For Military Students) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

*Not open to students having more than one year of high school credit in typewriting/keyboarding.

**Students presenting high school credit in shorthand may substitute an approved course for such high school credit.

BACHELOR OF SCIENCE IN BUSINESS EDUCATION

All bachelor degree programs in teacher education leading to state certification are also subject to degree requirements listed in the Department of Education section of this catalog.

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101-102; or 101-240	10
Courses from English 203, 204, 205, 206, 207	5-10	Science: (one ten-hour sequence)	10
Fine Arts 252		Biology 105-106; 105-107	
Art 150, 151, 152		Chemistry 101-102; or 121-122	
Music 205 or any appropriate course in Modern Language	0-5	Physics 223-234	
		Astronomy 104-105	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Education 204	5
History 100, 251, 252, or 253	5	Speech 211, Art, Music, or Drama	5
Business Administration 221	5	Business Administration 231, 232, 261	15
Psychology 101, Anthropology 100, or Sociology 100	5	Computer Science (course to be selected by advisor)	5

TEACHING MAJOR

OPTION A: Business Administration 222, 251, 311, 312, 315, 316, 317, 361 392, 417 45

OPTION B: Business Administration 222, 251, 311, 312, 317, 331, 361, 392, 417, and five hours from Business Administration 332, 344, 371, 324, or approved Computer Science course(s) 45

PROFESSIONAL EDUCATION REQUIREMENTS:
Education 305, 311C, 421C, 431C 30

OTHER REQUIREMENTS:

Physical Education 309, 390	6
Special Education 360	5

ELECTIVES (To bring the total number of credit hours to at least 185 exclusive of basic Physical Education requirements)

MILITARY SCIENCE REQUIREMENTS (For Military Students) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

ECONOMICS — SECONDARY EDUCATION

Core Curriculum—Area IV

Math 240, Business Administration 221, 222, 251 20

Anthropology 100, History 205, Political Science 205, Psychology 205 10

(For other Core Curriculum Requirements see above)

COURSES IN THE MAJOR:

Business Administration 321, 322, 344, 353, 324, 428 30

COURSES IN A RELATED FIELD:

10 hours of 300-400 level Business Administration courses 10

PROFESSIONAL EDUCATION SEQUENCE:

Education 204, 305, 311C, 421C, 431C 35

OTHER REQUIREMENTS:

Physical Education 309, 390 6

Special Education 360 5

ELECTIVES (To bring the total number of credit hours to at least 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (For Military Students) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

ASSOCIATE OF SCIENCE DEGREE IN OFFICE ADMINISTRATION

COURSES

**HOURS
CREDIT**

English 101, 102 10

Mathematics 101 5

Psychology 101 5

Political Science 101 5

History 100, 251, 252, or 253 5

Business Administration 110*, 111, 112, 114**, 115, 116, 117,
217, 221, 222, 231, 232, 251, 261 55-62

Electives to bring total number of credit hours to 95 exclusive of physical education

Other requirements. One course in physical education each quarter to include Personal Fitness (PHED 103) and Swimming (PHED 104)

*Not open to students having more than one year of high school credit in typewriting/keyboarding

**Students presenting high school credit in shorthand may substitute an approved course for such high school credit.

ONE-YEAR CERTIFICATE PROGRAM

COURSES	HOURS CREDIT
English 101	5
Mathematics 101	5
Business Administration 110*, 111, 112, 114**, 115, 116, 117 231, 251, 261	35-42
Electives to bring total credit hours to 50 exclusive of basic physical education	

*Not open to students having more than one year of high school credit in typewriting/keyboarding.

**Students presenting high school credit in shorthand may substitute an approved course for such high school credit.

MINOR IN ACCOUNTING

Business Administration 231, 232, 331, 332, and 10 hours of Business Administration courses subject to the approval of the major and minor advisor.	30
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MINOR IN BUSINESS ADMINISTRATION

Required Business Administration 221*, 222*, 231, 232, 361, 371 and any two courses from Business Administration 344, 353, 354, 372, 455, 465, 466.	40
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*May be used as part of Area III.

MINOR IN ECONOMICS

Business Administration 221, 222, 321, 322, and 10 hours of Business Administration courses subject to the approval of the major and minor advisor.	30
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MINOR IN OFFICE MANAGEMENT

Business Administration 221, 231, 311, 312, 315, 316, and 5 hours of Business Administration subject to the approval of the major and minor advisors.	30
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DUAL DEGREE PROGRAM WITH GEORGIA INSTITUTE OF TECHNOLOGY

The Dual Degree Program offered by North Georgia College and Georgia Institute of Technology provides a student with the opportunity to attend a liberal arts college for three years before embarking on professional academic work at Georgia Tech. Two options are available under the Dual Degree Program.

First, a student may complete 144 hours at North Georgia College and apply for entrance into the Bachelor of Science in Industrial Management, Bachelor of Science in Management Science or the Bachelor of Science in Economics at Georgia Tech. The student would be required to take approximately 90 hours at Georgia Tech. Upon completion of the 90 hours at Georgia Tech, the student would be awarded the BBA from North Georgia College and the BS from Georgia Tech.

Second, the student may elect to complete 163 hours at North Georgia College and apply for the Master's of Science in Industrial Management at Georgia Tech. The student upon acceptance to Georgia Tech would need to complete 72 hours to be awarded the MSIM. Upon completing the first 22 hours of graduate study at Georgia Tech, the student will be awarded the BBA from North Georgia College.

DUAL DEGREE REQUIREMENTS:

- 1A. For the BS, complete 144 quarter hours at North Georgia College as outlined below (exclusive of PE requirements).
- 1B. For the MSIM, complete 163 quarter hours at North Georgia College (exclusive of PE requirements).
- 2. Obtain recommendation of Dual Degree Coordinator at North Georgia College.
- 3. Maintain a college grade point average and specified test results which would indicate that the student could satisfactorily complete the degree requirements at Georgia Tech.
- 4. Complete a Georgia Tech program which equals the number of credit hours required of normal juniors and seniors enrolled in the standard curriculum for the degree being sought.
- 5. If the official study program at Georgia Tech (BSIM) includes electives and the candidate has excessive hours at North Georgia College, he may petition that these excess hours be used as transfer credits to Georgia Tech. Such transfer credit shall not amount to more than one half of the official study program at Georgia Tech.

DUAL DEGREE — BBA/MSIM

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101, 102	10	Mathematics 119, 120	10
Courses from English 203, 204, 205, 206, 207	10	A sequence from: Biology 105, 106 Chemistry 121, 122 Physics 223, 224 or Physics 223, 225	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
History 100	5	Mathematics 245, 246	10
Political Science 101	5	Business Administration 221, 222, 231, 232	20
Any 10 hours from: 100-200 History, Anthropology, Psychology or Sociology	10		

COURSES LEADING TO THE BBA:

Business Administration 251, 321, 322, 353, 354, 361, 371, 344	40
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ADDITIONAL COURSES TO BRING THE TOTAL CREDIT
HOURS TO 163 EXCLUSIVE OF PE:

Business Administration 331, 332, 435, 436, 341, 392, 324, 426, 446, 447, 455, 448.	
Math 247 or any course above Math 247.	
Computer Science 120, 225, 235, 252, 351, 352 and Military Science	33
TOTAL	163

DUAL DEGREE — BBA/BS

AREA I — HUMANITIES		HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE		HOURS CREDIT
English 101, 102		10	Mathematics 119, 120		10
Select from 203, 204, 205, 206, 207		10	A sequence from: Biology 105, 106 Chemistry 121, 122 Physics 223, 224 or Physics 223, 255		10
AREA III — SOCIAL SCIENCE		HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD		HOURS CREDIT
History 100		5	Mathematics 245, 246		10
Political Science 101		5	Business Administration 221, 222, 231, 232		20
Select from any 100-200 level of History, Anthropology, Psychology or Sociology		10			

HOURS REQUIRED TO BE COMPLETED AT NGC:

Business Administration 321, 322, 344, 353, 354, 361, 371	40
Mathematics 247	

ADDITIONAL COURSES TO BRING THE HOURS AT NGC
TO A TOTAL OF 144 EXCLUDING PE MAY BE SELECTED
FROM THE FOLLOWING:

- Any Math beyond Math 247
- Computer Science 120, 225, 235, 252, 351, 352 or
- Business Administration 331, 392, 324, 436, 446, 448, 455

TOTAL	144
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COURSES IN BUSINESS
ADMINISTRATION

109.

PERSONAL KEYBOARDING.

Fall/Winter/Spring Quarters.

An introductory course in keyboarding for business and non-business students. Designed for personal use with emphasis on machine operation, centering copy, letter styles, tabulated tables, and manuscripts. Very helpful for students who will be using data processors and CRT's.

2 hours
221.

PRINCIPLES OF MACROECONOMICS.

Prerequisite: Math 101. This course provides an introduction to economic analysis by presenting an overall picture of the operation of our economy. Specific topics covered include economic institutions of American capitalism, employment theory, fiscal policy, money and banking, monetary policy, and economic growth.

5 hours

- 222. PRINCIPLES OF MICROECONOMICS. 5 hours**
Prerequisite: Business Administration 221. A study of economics which concentrates on the determination of prices in competitive and monopolistic markets, distribution of income along functional lines, international trade, and comparative economic systems.
- 231. PRINCIPLES OF ACCOUNTING. 5 hours**
Prerequisite: Math 101. An introductory course in standard accounting practice. Recognized procedures and conventions are used in recording, analyzing and interpreting financial records. Emphasis is placed on the proprietorship form of business organization.
- 232. PRINCIPLES OF ACCOUNTING. 5 hours**
Prerequisite: Business Administration 231. A continuation of Business Administration 231 with emphasis on the partnership and corporate forms of business organizations. In addition, manufacturing operations and analytical processes are studied.
- 251. ELECTRONIC DATA PROCESSING AND INFORMATION SYSTEMS. 5 hours**
Prerequisites: Math 101 and Personal Keyboarding requirements. A study of electronic data processing from the point-of-view of their application to the assembling, storing, processing, and reporting of data needed for managerial decision-making. Current microcomputer software is demonstrated and discussed. Computer programming principles and current applications software are studied through microcomputer lab exercises.
- 261. BUSINESS COMMUNICATIONS. 5 hours**
Prerequisite: English 102. Practice in the use of correct and forceful English in writing business letter and in oral and written reports. The incorporation of goodwill in the study and analysis of inquiry, request, sales, credit, adjustment, and application letters.
- 306. ECONOMIC AND SOCIAL HISTORY OF THE U.S. TO 1865. 5 hours**
A history of American agriculture, transportation, mining, fishing, manufacturing, banking and labor from the beginning to 1865. Emphasis is placed on economic developments and how economic activity affected the lives of the people.
- 307. ECONOMIC AND SOCIAL HISTORY OF U.S.—1865 TO PRESENT. 5 hours**
A history of American agriculture, transportation, mining, fishing, banking, manufacturing, mining and labor since 1865. Emphasis is placed on economic developments and how economic activity affected the lives of the people.
- 310-110. BEGINNING TYPEWRITING/KEYBOARDING. 2 hours**
Fall Quarter.
An introductory course in keyboarding with major emphasis given to the techniques of machine operation, speed, accuracy, and continuity and control of movement in the development of usable keyboarding skills. Personal- and business-letter styles, centering, tabulation, and manuscripts are introduced.

- 311-111. INTERMEDIATE TYPEWRITING/KEYBOARDING. 2 hours**
Winter Quarter.
 Prerequisite: Business Administration 310 or equivalent. A continuation of Business Administration 310. Further study of the theory and techniques of key-boarding, including a thorough study of business-letter forms, tabulated material, and manuscripts. Successful completion of is course requires a speed of 45 words a minute.
- 312-112. ADVANCED TYPEWRITING/KEYBOARDING. 3 hours**
Spring Quarter.
 Prerequisite: Business Administration 311 or equivalent. A continuation of Business Administration 311. Major emphasis is on the development of speed and accuracy sufficient for vocational use—production typing in the areas of business, industry, and government. Successful completion of this course requires a speed of 60 words a minute.
- 314-114. BEGINNING SHORTHAND. 5 hours**
Fall Quarter.
 The theory of Gregg Shorthand with sufficient practice to develop skill in taking dictation at a speed of 60 words a minute. Personal use as well as vocational values are emphasized.
- 315-115. INTERMEDIATE SHORTHAND. 5 hours**
Winter Quarter.
 Prerequisite: Business Administration 314 or equivalent. A continuation of Business Administration 314. Sufficient practice is provided to develop skill in taking dictation at a speed of 80 words a minute.
- 316-116. ADVANCED SHORTHAND. 5 hours**
Spring Quarter.
 Prerequisite: Business Administration 315 or equivalent. A continuation of Business Administration 315. Rapid dictation and transcription are the major objectives. A dictation speed of 100 words a minute is required.
- 317-117. WORD PROCESSING CONCEPTS. 5 hours**
Winter Quarter.
 Prerequisite: Business Administration 310 or equivalent and BA 251. An introductory course in Word Processing. Various facets of Word Processing are covered which thoroughly acquaint the student with the evolution of Word Processing, an analysis of Word Processing equipment, training Word Processing personnel and management, Word Processing manuals, productions standards, and career paths.
- 321. INTERMEDIATE MACROECONOMIC ANALYSIS. 5 hours**
 Prerequisite: Business Administration 222, Math 202. An intensive study of the measurement, analysis, and control of aggregate economic activity. The economic principles underlying national income, business cycles, and growth are examined, and particular attention is given to problems involved in formulating economic policies.
- 322. INTERMEDIATE MICROECONOMIC ANALYSIS. 5 hours**
 Prerequisite: Business Administration 222, Math 202. An intensive study of price theory and its uses. Specific topics covered include the theory of demand, the theory of the firm, pricing in competitive and monopolistic markets, and the pricing of economic resources.

- 324. MONEY AND BANKING. 5 hours**
Prerequisites: Business Administration 222, 232. A study of the basic principles and concepts of money and credit and their importance in the present economy. The major topics emphasized are the key role of the commercial banking system in our economy, central banking as a means of expanding and stabilizing the supply of money and credit, monetary theory, monetary and fiscal policies, international banking and finance, and other banking and credit institutions.
- 329-(a),(b),(c). SPECIAL TOPICS IN ECONOMICS. 1, 1, 1 hour**
A study of a selected specialized area of Economics pertaining to a specific career interest or objective of the student.
- 331, 332, 333. FINANCIAL ACCOUNTING I, II, III. 5, 5, 5 hours**
Prerequisites: Business Administration 222, 232. Co-requisite: Business Administration 344. Intermediate Financial Accounting I, II, and III examines generally accepted principles of accounting for assets, liabilities and capital along with the implication for revenues and expenses. Authoritative literature is introduced. Additional specialized topics including leases, pensions, price-level changes and financial statement analysis are covered. The courses are offered in sequence starting with the Fall quarter. These courses, required for all accounting majors, should be taken in the junior year.
- 339-(a),(b),(c). SPECIAL TOPICS IN ACCOUNTING. 1, 1, 1 hour**
A study of selected specialized area of Accounting pertaining to a specific career interest or objectives of a student.
- 341. RISK AND INSURANCE. 5 hours**
Studies in the nature of risk and the role of insurance in risk management from individual and business viewpoints by considering the insurance carrier's contracts, underwriting and regulation. Special emphasis is placed on home owners, auto, life, health insurance.
- 342. REAL ESTATE. 5 hours**
A study of the concepts, principles, practices, and laws relating to acquiring, holding, utilizing, and disposing of real property.
- 344. PRINCIPLES OF FINANCE. 5 hours**
Prerequisites: Math 102 or 202 and Business Administration 222, 232. A study of financial concepts with emphasis on understanding how the principles of financial management can be used to enhance the value of a firm. Topics include the time value of money, valuation models for bonds and stocks, the relationship of risk and rate of return, capital management fundamentals and financial statement analysis.
- 349-(a),(b),(c). SPECIAL TOPICS IN FINANCE. 1, 1, 1 hour**
A study of a selected specialized area of Finance pertaining to a specific career interest or objectives of the student.

- 353. QUANTITATIVE METHODS I—STATISTICAL ANALYSIS FOR BUSINESS** **5 hours**
 Prerequisites: Math 202 and Business Administration 222. A course in statistical methods with special reference to economic and business applications. Topics include probability distributions, sampling and hypothesis testing, statistical decision theory, regression and correlation, time series and trend, and index numbers.
- 354. QUANTITATIVE METHODS II—MATHEMATICAL ANALYSIS FOR BUSINESS.** **5 hours**
 Prerequisites: Math 102 or 202 and Business Administration 353. An introductory course in quantitative methods and concepts used as an aid in the analysis of business problems for decision making. A brief review of relevant mathematical subjects is conducted. Topics include decision models under conditions of uncertainty, linear programming, forecasting techniques, CPM, PERT, Monte Carlo simulation, and others. This course should be taken as soon as prerequisites are satisfied and followed as soon as possible by QM II.
- 361. PRINCIPLES OF MANAGEMENT.** **5 hours**
 This course is designed to familiarize students with the functions of the management process. Major emphasis is devoted to planning, organizing, and controlling and their subfunctions. Attention is given to the new techniques and tools of planning. This course should be taken early in the junior year.
- 362. INDUSTRIAL PSYCHOLOGY.** **5 hours**
 The application of psychological principles to human problems in industry, including areas of personnel selection and appraisal, motivation and work, leadership and human performance. Crosslisted as Psychology 362.
- 363. BUSINESS USES OF THE MICROCOMPUTER.** **1 hour**
 Prerequisite: Computer Science 120 or Business Administration 251. The use of available microcomputer programs in various areas of business: electronic spreadsheets, graphics, word processing, data base management.
- 369-(a),(b),(c). SPECIAL TOPICS IN MANAGEMENT.** **1, 1, 1 hour**
 A study of a selected specialized area of Management pertaining to a specific career interest or objectives of the student.
- 371. PRINCIPLES OF MARKETING.** **5 hours**
 Prerequisite: Business Administration 222. A functional study of market organization designed to introduce the student to the major institutions and basic theories in the field of marketing. Levels of marketing, organizations operations at each level and their functions, price policy, marketing cost and relative efficiency of various marketing methods are principal topics. This course should be taken early in the junior year.
- 372. ADVERTISING.** **5 hours**
 Prerequisite: Business Administration 371. A study designed to examine theory and practical application of media selection, budgeting, advertisement construction, along with the economical and social effects of advertising.

- 379-(a),(b),(c). SPECIAL TOPICS IN MARKETING.** **1, 1, 1 hour**
A study of a selected specialized area of Marketing pertaining to a specific career interest or objectives of the student.
- 392. BUSINESS LAW.** **5 hours**
An overview of the legal system with special emphasis on contracts; sale of goods under the U.C.C.; negotiable instruments; risk bearing devices; and basic law of real property; personal property, wills, trusts and estates. Reference is made to current legislation affecting business.
- 399. READINGS IN BUSINESS ADMINISTRATION.** **2 hours**
Independent reading from selected literature in the fields of Management, Marketing, Economics, Accounting and Business Education. The course may be an independent study under the supervision of a member of the Business faculty or may be a formal class. Written and oral reports will be expected of each student in connection with each of the assigned readings. This course may be taken a total of six times.
- 417-217. OFFICE TECHNOLOGY.** **5 hours**
Spring Quarter.
Prerequisites: Business Administration 311 or equivalent. This course develops office proficiency. Activities of the modern office will be observed with emphasis on public relations, word processing, administrative support services, placement, advancement, and supervision.
- 418. RECORDS MANAGEMENT** **5 hours**
Prerequisite: Business Administration 310 or equivalent. A basic introduction of the principles and practices of effective records management for all types of records systems—paper, microrecords, and magnetic media used in automated systems. The cycle within which information functions as well as the systems that are developed for managing and using this information are emphasized.
- 419-(a),(b),(c). SPECIAL TOPICS IN OFFICE ADMINISTRATION.** **1, 1, 1 hour**
A study of a selected specialized area of Office Administration pertaining to a specific career interest or objective of the student.
- 426. LABOR ECONOMICS.** **5 hours**
Prerequisite: Business Administration 222. A study of the origin of the labor movement; population and the labor force; organized labor; union organization and management; collective bargaining; and the problems of unemployment, full employment, wage theory and policies, and labor legislation.
- 427. INTERNATIONAL BUSINESS.** **5 hours**
An analysis of the mechanics of doing business abroad including theories of trade, methods of trade, and balance of payments. In addition, the effect of cultural, economic, environmental, legal, political and sociological differences on U.S. business operations abroad will be linked with the functional areas of international business: management, marketing, accounting, and finance.

- 428. DEVELOPMENT OF ECONOMIC THOUGHT. 5 hours**
Prerequisite: Business Administration 222. A study of the development of economic ideas with major emphasis on writers. The purpose of the course is to establish a synthesis of evolving doctrines which provide the basis of currently accepted economic theory.
- 431. PAYROLL ACCOUNTING. 3 hours**
Prerequisite: Business Administration 332 or Business Administration 436. An independent study of payroll systems to include the requirements for payroll records, computation and payment of wages, social security taxes, withholding taxes, and unemployment compensation. The course is designed for those students expecting to seek employment with the smaller accounting firms and industry.
- 432. COMPUTERIZED ACCOUNTING SYSTEMS. 2 hours**
Prerequisite: Business Administration 332 or Business Administration 436. An independent study of computerized accounting systems to include the General Ledger, Depreciation, Receivables, Payables, and Payrolls. Emphasis will be placed on file creation and maintenance, data entry and output analysis.
- 435. FEDERAL INCOME TAXATION. 5 hours**
Prerequisite: Business Administration 232. This course is an introduction to the taxation of individuals and the fundamental tax provision applicable to all taxable entities. These provisions include the revenue, gain and loss recognition, tax basis, capital gains and business expense. This course is normally taken by Accounting majors in their senior year.
- 436. COST ACCOUNTING 5 hours**
Prerequisites: Business Administration 222 and Business Administration 232. A study of manufacturing costs and cost accumulation systems. Job order, process and standard cost systems are examined.
- 437. MANAGERIAL ACCOUNTING. 5 hours**
Prerequisite: Business Administration 232. A study of the use of accounting as a tool in the decision making process. Major topics covered include budgeting, gross profit, and break-even and cost profit-volume analysis; capital expenditures, and internal profit measurement.
- 438. AUDITING. 5 hours**
Prerequisite: Business Administration 332. This course is a study of the principles and theory of the attest function of accounting applied internally and externally. Internal control systems and the review of authoritative professional literature are emphasized. This course is normally taken by accounting majors in their senior year.
- 439. ADVANCED ACCOUNTING PROBLEMS. 5 hours**
Prerequisites: Business Administration 332, 436 and senior standing. This course is a study of business combinations, partnerships, and other topics related to professional accounting. This is an elective course for the accounting major.

- 446. PUBLIC FINANCE. 5 hours**
Prerequisite: Business Administration 222. A study of the principles and techniques of government debt; specific tax and non-tax revenues; and expenditures at the national, state and local levels.
- 447. INVESTMENT MANAGEMENT. 5 hours**
Prerequisite: Business Administration 344. The purpose of the course is to provide training in the formulation of investment programs and the determination of policy. Topics studied include sources of information for the investor, types of securities, security markets and their operation, movement of security prices, types of industries and their characteristics, analysis of financial statements, and investment principles and safe-guards.
- 448. FINANCIAL POLICY AND ANALYSIS. 5 hours**
Prerequisites: Business Administration 344 and within 40 hrs. of meeting degree requirements. This course is designed primarily for finance majors in their last quarter. The Financial Fundamentals of Business Administration 344 are extended and amplified. Financial analysis, identification of alternatives, and sound financial decisions are emphasized through appropriate case studies. As a part of each case study, the student is expected to prepare and present concise oral and written financial evaluations in an assumed environment appropriate for the case.
- 455. PRODUCTION MANAGEMENT. 5 hours**
Prerequisites: Business Administration 251, 344, 353, 354, 361. The objectives of this course is to familiarize the student with the nature and scope of production management in modern industry. The topics emphasized are: production planning and scheduling, plant layout, materials handling, inventory control, quality control, and related topics from the point-of-view of both the human and material elements of the production system.
- 465. HUMAN RESOURCES MANAGEMENT. 5 hours**
Prerequisite: Business Administration 361 or permission of Department Head. A study of the principles and procedures leading to the effective recruitment, selection, placement, orientation, and continued training of an organization's human resources. Additional topics include personnel policies regarding: performance appraisal, compensation, grievance procedures, collective bargaining, and promotion/discharge procedures.
- 466. RETAILING MANAGEMENT. 5 hours**
Prerequisites: Business Administration 361, 371. A study of the organization, planning, policies, procedures, problems, and controlling of the various types of retailing institutions. The major topics emphasized include the selection of retailing locations, organization of retailing establishments; merchandising policies and procedures; retailing services; and the selection, training, compensation and supervision of retailing personnel.
- 467. SMALL BUSINESS MANAGEMENT. 5 hours**
A complete coverage of sound business practices for starting and operating a small business establishment.
- 474. SALES MANAGEMENT. 5 hours**
Prerequisites: Business Administration 361, 371. A study emphasizing the role of personal selling within the marketing mix, including principles of selling, building of organizations, controlling and evaluating the sales force.

- 475. MARKETING RESEARCH 5 hours**
Prerequisites: Business Administration 251, 353, 354. A study of the principles and methods of marketing research. Topics include: information sources; project design and administration; data processing and analysis; and report writing.
- 476. MARKETING MANAGEMENT. 5 hours**
Prerequisites: Business Administration 372, 474. A study of various policies and problems requiring decisions by marketing management in the areas of product policy, distribution policies and physical distribution, pricing, advertising, sales promotion, and management of personal selling.
- 485. GEORGIA INTERN PROGRAM IN BUSINESS ADMINISTRATION 5 hours**
- 495. BUSINESS POLICY DECISION MAKING. 5 hours**
Prerequisites: Area IV completed; Business Administration 344, 361, 371; within 40 hours of meeting degree requirements. The course is designed for business administration majors who are within two quarters of graduation. It is a capstone course integrating the application of analytical skills acquired from previous courses in management, finance, marketing and accounting.

DEPARTMENT OF CHEMISTRY

Thomas C. Davis, Department Head

The Department offers courses leading to either a professional major or non-professional major.

THE PROFESSIONAL CURRICULUM IN CHEMISTRY

If a student pursues a professional curriculum major, it is presumed that the student wishes to become a professional chemist. The student is also prepared to enter graduate school in order to secure a M.S. or Ph.D degree in preparation for a career in chemical research. Since the requirements for a Bachelor of Science Degree in Chemistry are rather demanding, a student should maintain a general average of C+ and a B average in science. If he should not do so, he will be asked to shift to the non-professional degree. The non-professional degree will not prepare the student to enter graduate school in Chemistry.

THE NON-PROFESSIONAL CURRICULUM IN CHEMISTRY

This curriculum is designed for those students who wish to study chemistry but who do not want to do chemical research. Such students might feel that chemistry would contribute toward a related profession; such as medicine, engineering, military, laboratory technician, high school teaching or chemical sales. Although high scholarship is to be sought, the non-professional curriculum is less demanding in breadth of courses in chemistry and mathematics than is the professional curriculum.

MAJOR IN CHEMISTRY — PROFESSIONAL

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119 or 120	5
Courses from English 203,204,205 206,207	10	Sciences: (one ten-hour sequence) Biology 105-106 Chemistry 121-122 Physics 223-224; or 223-225 Any course listed above not taken in the ten-hour sequence or Math 120 or 245	10 5
AREA III — SOCIAL SCIENCE	HOUR CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Chemistry 123,204	10
History 100-200 level courses	5-15	Physics 223-224-225	0-10
Courses from the following:	0-10	Biology 105, 106, 225	0-10
Anthropology 100		Mathematics 120-246	0-10
Psychology 101, 205			
Sociology 100			
Business Admin. 221, 222			

CHEMISTRY MAJOR

Chemistry 123, 204, 331, 332, 333, 341, 342, 343 and two additional courses
at the 400 level approved by the department head

50

OTHER REQUIREMENTS: Physics 223, 224, and 225	15
OTHER REQUIREMENTS: Math 245, 246 and 247	15
COURSES IN THE MINOR	
Biology, Physics, or Mathematics (requirements for minor are listed in each departmental offering)	
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS: German is recommended	10-15
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

MAJOR IN CHEMISTRY — NON-PROFESSIONAL

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101 or 119	5
Courses from English 203, 204, 205, 206,207	10	Sciences: (one ten-hour sequence) Biology 105-106 Chemistry 121-122 Physics 223-224 or 223-225 Any science course listed above not taken in the ten-hour sequence or Math 120, or Math 245	10 5
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Chemistry 123, 204	10
History 100-200 level courses	5-15	Physics 223-224-225	0-10
Courses from the following: Anthropology 100 Business Admin. 221, 222 Psychology 101 Sociology 100	0-10	Biology 105, 106, 225 Mathematics 120-245-246	0-10 0-10
COURSES IN THE MAJOR			
Chemistry 123, 204, 331, 332, 340, 421 and one other course			35
OTHER REQUIREMENTS			
Physics 223, 224; or Biology 105, 106			10
COURSES IN THE MINOR			
Biology, Physics or Mathematics (requirements for minor are listed in each departmental offering)			
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6

MODERN LANGUAGE REQUIREMENTS

15

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN CHEMISTRY — SECONDARY EDUCATION**CORE CURRICULUM REQUIREMENTS**

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119 or 120	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence) Biology 105-106	10
Fine Arts 252 (if only one of the above is selected)	5	Chemistry 121-122 Physics 223-224-225 Any course listed above not taken in the ten-hour sequence or Math 245	5
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Chemistry 123, 204	10
History 100-200 level courses	5-15	Physics 223-224	10
Courses from the following: Anthropology 100; Psychology 101; Sociology 100		Biology 105-106	10
CHEMISTRY MAJOR			
Chemistry 123, 204, 311, 331, 332, 340 or 421			30
PROFESSIONAL EDUCATION SEQUENCE			
Education 204, 305, 311c, 421c, 431c			35
OTHER REQUIREMENTS			
P.E. 309, 390			6
Special Education 360			5
Biology (5 hrs.), Physics (5 hrs.)			10
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENT			6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

DUAL DEGREE PROGRAM — CHEMISTRY

The Dual Degree Program offered by North Georgia College in cooperation with Georgia Tech offers a student the opportunity to attend a liberal arts college for three years before embarking on professional academic work at Georgia Tech for an additional two years.

After completing the academic requirements of both institutions, the student shall be awarded a bachelor's degree from North Georgia College and one of several designated bachelor's degrees from the Georgia Institute of Technology.

Dual Degree candidates from North Georgia College who work toward a B.S. in Chemistry are eligible to seek any of the following degrees at Georgia Tech:

- Bachelor of Chemical Engineering
- Bachelor of Science in Textile Chemistry
- Bachelor of Science in Textiles

DUAL DEGREE REQUIREMENTS:

1. Complete 140 quarter hours at North Georgia College as outlined below (exclusive of basic military and P.E.)
2. A recommendation from the Dual Degree Coordinator of North Georgia College.
3. A college grade-point average and specified test results which would indicate that the student could satisfactorily complete the degree requirements at Georgia Tech.
4. Complete a Georgia Tech study program which equals the number of credit hours required of normal juniors and seniors enrolled in the standard curriculum for the degree being sought.
5. If the official study program at Georgia Tech includes electives and the candidate has excessive hours from North Georgia College, he may petition that these excess hours be used as transfer credit to Georgia Tech. Such transfer credit shall not amount to more than one half of the official study program at Georgia Tech.

CORE CURRICULUM REQUIREMENTS — DUAL DEGREE PROGRAM

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101, 102	10	Mathematics 119, 120	10
English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence) Chemistry 121, 122 Physics 223, 224	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Chemistry 123, 204	10
History, 200 level	5-15	Physics 223, 224, 225	0-15
Courses from Psychology 101, 205; Sociology 100; Anthropology 100; or Business Admin. 221,222	0-10	Mathematics 245, 246, 247	0-15

NOTE: The 140 hours at North Georgia must include Physics 223, 224, 225, 230; Mathematics 245, 246, 247, 300; Chemistry 331, 332, 333, 204; and Military 300, 301, 302, or equivalent academic courses approved by the Vice President for Academic Affairs.

MINOR IN CHEMISTRY

Chemistry 123, 204 or 311 and two other courses approved by the head of the Chemistry Department

20

COURSES IN CHEMISTRY

- 101. INTRODUCTION TO CHEMISTRY. 5 hours**
Four lectures and one laboratory per week. General principles of chemical bonding, reactions, and equilibria as required for a basic understanding of chemical applications. This course is designed for students having little or no background in Chemistry.
- 102. INTRODUCTION TO CHEMISTRY. 5 hours**
Prerequisite: Chemistry 101 or its exemption. Four lectures and one laboratory per week. A study of chemical processes in (non-living) nature such as geochemical cycles, soil and water.
- 103. ORGANIC AND BIOCHEMISTRY SURVEY. 5 hours**
Prerequisite: Chemistry 101 or its exemption. Four lectures and two laboratory hours per week. Survey of Organic Functional groups and their reactions with applications to biochemical systems. The chemical basis for metabolism and body fluid interactions are discussed.
- 121, 122. GENERAL CHEMISTRY. 5, 5 hours**
Admission to these courses will be by standardized placement test and other scores. Normally these two courses would be taken by all science majors. These courses will emphasize theory and mathematical applications. Normally the student will have had 3 years of high school mathematics as well as high school chemistry. Four hours of lecture and one laboratory period per week.
- 123. INTRODUCTION TO CHEMICAL ANALYSIS. 5 hours**
Prerequisite: Chemistry 122. Three hours lecture and two laboratory periods per week. The laboratory work of this course will consist of qualitative analysis and a brief introduction to quantitative analysis.
- 204. QUANTITATIVE ANALYSIS. 5 hours**
Prerequisite: Chemistry 123. The student will perform various volumetric titrations, and a gravimetric sulfate. Such instruments as the pH meter, colorimeter and atomic absorption spectrometer will be studied with appropriate experiments performed. Three hours of lecture and two laboratory periods per week.
- 230. ORGANIC CHEMISTRY. (Brief Course) 5 hours**
Prerequisite: Chemistry 123. A survey course in organic chemistry. Four lectures and one laboratory per week.
- 311, 312. BIOCHEMISTRY. 5, 5 hours**
Prerequisite: 230 or 332. These courses introduce carbohydrates, proteins and nuclei acids and their interrelationship. Intermediate metabolism will be discussed. Chemistry 311 - Five lectures per week. Chemistry 312 - Three lectures and two laboratories per week.

- 331, 332, 333. ORGANIC CHEMISTRY.** **5, 5, 5 hours**
Prerequisite: Chemistry 123. These courses are designed to introduce the student to functional groups and their interconversion, the mechanism of chemical reaction, conformational analysis, and stereo chemistry. The third quarter includes an introduction to carbohydrates and amino acids, kinetic methods and an introduction to problems of organic synthesis.
- CHEMISTRY 331.**
Fall and Winter Quarters.
Four lectures and one laboratory period per week.
- CHEMISTRY 332, 333.**
Winter, Spring Quarters.
Three lectures and two laboratory periods per week,
- 340. PHYSICAL CHEMISTRY. (Brief Course)** **5 hours**
This course is a non-calculus introduction to physical chemistry. Emphasis is placed on the application of physical chemical principles to the life sciences. Four lectures and one laboratory period per week.
- 341, 342, 343. PHYSICAL CHEMISTRY.** **5, 5, 5 hours**
Fall, Winter and Spring Quarters.
Prerequisites: Chemistry 204, three quarters of general physics, and two quarters of calculus are recommended. The course presents the fundamental principles of physical chemistry. Such topics as structure of atoms and molecules, states of matter, thermodynamics, chemical kinetics, and the phase rule are discussed. The laboratory work is integrated with the course work and some familiarity with recent physio-chemical techniques will be acquired. Four hours lecture and one laboratory period per week.
- 421. INORGANIC CHEMISTRY.** **5 hours**
Prerequisite: Chemistry 340 or 341. An extension of the study of inorganic chemistry begun in general chemistry. The current theories of atomic structure and bonding in complex ions, crystal system, and some descriptive inorganic chemistry will be discussed. Four lectures and one laboratory period per week.
- 430. INTRODUCTION TO ORGANIC ANALYSIS.** **5 hours**
The course will be devoted to qualitative organic analysis and will be an extension of the identification done as part of the laboratory work of the basic year course in organic chemistry. Instruments, such as the infrared spectrophotometer, the ultraviolet spectrophotometer, the gas chromatograph, and other tools will be used to accomplish the stated objectives. Three hours lecture and two laboratory periods per week.
- 441. INSTRUMENTAL ANALYSIS.** **5 hours**
The lecture will consist of the discussion of various instrumental methods and applications. Analysis will be carried out using the atomic absorption, spectrophotometer, and colorimetric methods. Three lectures and two laboratory periods per week.

- 451 a,b,c. INTRODUCTION TO CHEMICAL RESEARCH. 2, 2, 2, hours**
This course is designed to prepare the student for employment as a research assistant upon the completion of the B.S. degree, or for the research work for an advanced degree. It will consist of one or two lectures or conference hours per week throughout the senior year (9 months) together with an indeterminate amount of unscheduled laboratory work. It is anticipated, however, that the laboratory work will not average less than five hours per week. The subject matter of the lectures will be the technique of research, use of technical reference literature, theory of errors, the analysis of experimental data, and report writing. The laboratory work of the first quarter will consist of exercises in glass-blowing and the construction of glass equipment. In the second and third quarters, the students will be assigned a minor research project on which he will prepare a report.
- 461 a,b,c. INDEPENDENT STUDY. 1, 1, 1 hour**
Topics in the history of Chemistry, a review of certain topics from previous courses, and directed library readings. The student will report his work by class talks and a written report.
- 471. MOLECULAR STRUCTURE AND SPECTROSCOPY. 5 hours**
This course will cover the use of various spectroscopic methods for examining molecular structure. The use of IR, and UV will constitute the basis of laboratory work. Three lecture hours and two three-hour laboratory periods per week. This course is offered on demand.

DEPARTMENT OF DEVELOPMENTAL STUDIES

V. Kay Colbert, Department Head

DEVELOPMENTAL STUDIES PURPOSES STATEMENT

The Developmental Studies Program is a system-wide program which

1. enables entering students who, for various reasons, are ineligible for admission to the regular college curriculum to develop their basic skills to the point at which they will be able to undertake college work.
2. gives regularly admitted students who are experiencing academic difficulty the opportunity to develop their basic skills in the college environment. Such students may resume their place in the regular curriculum without having been forced to drop out of college.
3. provides remediation for the Regents' Testing Program.

PROGRAM OVERVIEW

Basic requirements for entering students include graduation from high school or an equivalent completion of the GED. Students whose college entrance tests and/or high school academic record will not allow for regular admission to the College may be admitted as Developmental Studies students. Prior to registration, students designated as Developmental Studies students are given a battery of tests to evaluate potential for regular college work. If a student achieves satisfactory scores on the placement tests, he may be recommended for unconditional admission. However, if a student does not achieve satisfactory scores, he is placed in Developmental Studies courses, and his status remains conditional until he has successfully completed the prescribed program.

Courses with — REM designators are open to regularly admitted students. If a student feels he has had inadequate preparation in any of the subject areas offered by the Department of Developmental Studies, he may wish to take one or more of the courses prior to enrolling in 100-level courses.

Courses providing remediation for the Regents' Testing Program (076, 077) are non-degree, non-credit courses required of all students who have not passed the Regents' Testing Program during the quarter in which they will have received 75 hours of degree credit. These courses are also open to students who wish to improve their composition and/or reading skills prior to taking the test.

GENERAL DESCRIPTION

Freshmen assigned to the program of Developmental Studies will pursue developmental programs of study in the areas of language arts and/or mathematics; placement in or exemption from the program is determined by test scores administered prior to registration. All Developmental Studies students are required to take a study skills course during their first quarter in the program. All Developmental Studies courses must be started the first quarter of the student's enrollment. No college-level credit will be earned in the Developmental Studies classes, and a student may or may not be permitted to take credit courses while he is assigned to the Developmental Studies Program.

Developmental Studies students are evaluated at regular intervals by their academic instructors as to performance, attitude, motivation, and other relevant factors. A student has the opportunity to complete the program in one quarter, and he may be permitted a maximum of four quarters to complete the program.

The program is administered by the Head of the Department of Developmental Studies, and the overall responsibility for testing, course assignment, and guidance rests with the Developmental Studies Department.

GRADING AND EXIT POLICIES

Entering Developmental Studies students must exit all of their required Developmental Studies courses in order to be transferred to the standing of a regular student. A student must achieve a minimum of a “C” average and a satisfactory score on a standardized exit examination before he will be permitted to exit Developmental Studies language arts (DVST 050) and mathematics (DVST 052). A student in the study skills course (DVST 060) must achieve a grade of “C” in order to pass the course.

Eight grading symbols are approved for use in the Department of Developmental Studies — namely, A, B, C, D, WF, F, IP, and S. A grade of IP (in progress) is assigned if a required student has not achieved a minimum of a C average.

A grade of IP indicates a student will be retained in the course without penalty of grade assignment. If a student has not successfully completed a Developmental Studies course after the maximum number of quarters allowed, a grade of D or F is assigned. Entering students who do not complete the Developmental Studies Program as described above in four quarters will be subject to academic suspension.

The grade of S is applicable only to students in the Regents’ Testing Program remediation. If a student passes the Regents’ Test in the area(s) in which he pursued remediation, he receives a grade of S; if the student fails to successfully complete the test, he receives a grade of IP and is again administratively enrolled in the course(s).

ATTENDANCE POLICY

Entering students enrolled in the Developmental Studies program will not be allowed more than three (3) unexcused absences (in DVST 050, 052, 056) during any given quarter; only two unexcused absences are allowed in DVST 060. An *excused* absence is one for which the student has an infirmity statement or written request from college officials for absences due to approved extra-curricular activities. Excused absences shall also include “official leaves” provided appropriate documentation is presented. All absences, when possible, should be cleared with the individual instructor prior to missing class. After three (3) unexcused absences, a student will be dropped from class with a WF.

Students required to take classes in Regents’ remediation (RREM-076-077) will be dropped with a WF after five unexcused absences and will be placed on Regents’ Test Probation.

COURSES IN DEVELOPMENTAL STUDIES

DVST 050. DEVELOPMENTAL LANGUAGE ARTS.

Required of those Developmental Studies students whose performance on placement tests indicates the need for at least one quarter of remediation. This course offers instruction in reading, basic usage and grammar skills, and composition. Students enrolled in this class must complete the course with an average grade of C in order to qualify to sit for the Basic Skills Examination in English and reading. Students must also pass an exit writing sample. A student will not be allowed to enroll in English 101 until he has achieved a passing score on both the exit examinations.

- DVST 052. DEVELOPMENTAL MATHEMATICS.**
Required of those Developmental Studies students whose performance on placement tests indicates the need for at least one quarter of remediation. This course offers instruction in number systems, fundamental operations, factoring linear equations, graphs, exponents, radicals, quadratic equations, and inequalities. Students enrolled in this class must complete the course with an average grade of C in order to qualify to sit for the Basic Skills Examination in mathematics. A student will not be allowed to enroll in Math 101 or Math 119 until he has achieved a passing score on the exit examination.
- DVST 056. DIRECTED STUDIES IN READING.**
Required of those Developmental Studies students who cannot achieve a passing score on the Basic Skills Examination in reading after having achieved an average grade of C in DVST 050. This course will consist of directed instruction in vocabulary, main idea, point of view, author's purpose, word referent, style, and organization. Students enrolled in this class must complete the course requirements with an average grade C in order to qualify to sit for the Basic Skills Examination in reading. A student will not be allowed to enroll in English 101 until he has achieved a passing score on the exit examination.
- DVST 060. FUNDAMENTALS OF COLLEGE SUCCESS.**
Required of all students classified as Developmental Studies students. This one-quarter course focuses on time management, test-taking, interpersonal relationships, and general college orientation. Students enrolled in this class must complete the course with an average grade of C in order to exit the course.
- EREM 050. REMEDIATION IN ENGLISH AND COMPOSITION.**
A course designed to give regularly admitted students an opportunity to develop their basic skills in English and composition before they proceed with the freshman-level college English course.
- MREM 052. REMEDIATION IN BASIC MATHEMATICS.**
A course designed to give regularly admitted students an opportunity to develop their basic skills in mathematics before they proceed with Math 101.
- MREM 054. INTERMEDIATE ALGEBRA.**
A course designed for regularly admitted students who wish to improve their mathematics skills in preparation for the Pre-Calculus sequence. Emphasis will be placed on linear equations, systems of equations, polynomials and functions, quadratic equations, inequalities, sets, and trigonometry. Enrollment may be either voluntary or by referral from the mathematics department.
- SREM 060. STUDY SKILLS.**
A course designed for regularly admitted students who wish to improve their study skills. This one-quarter course focuses on time management, test-taking, interpersonal relationships, and general college orientation.
- RREM 076. COMPOSITION FOR THE REGENTS' TEST.**
Required of all students who have not passed the Regents' composition test during the quarter in which they will have received 75 hours of degree credit. This course focuses on essay writing and basic grammar, usage, and punctuation skills.

RREM 077. READING FOR THE REGENTS' TEST

Required for all students who have not passed the Regents' reading test during the quarter in which they will have received 75 hours of degree credit. This course focuses on developing vocabulary, literal comprehension, inferential comprehension, and analytical skills.

AVRD 311. ADVANCED READING

A course designed for those students who wish to improve their reading skills in reading in the content areas, advanced comprehension skills — e.g., analysis, synthesis, judgement, recognizing and arranging sequence, identifying, interpreting, and evaluating — and vocabulary development. (Offered on demand.)

DEPARTMENT OF EDUCATION

Christopher S. Sharp, Department Head

To be eligible to receive a four-year teacher's certificate (NT-4) in Georgia, one must complete a bachelor's degree program designed to meet the needs of teachers in a specific teaching field and be recommended by the college whose program has been completed. Each teacher-education program must have the approval of the State Department of Education. North Georgia College offers programs in:

Early Childhood Education
 Middle Grades Education
 Special Education
 Physical Education
 Art Education
 Music Education

Secondary Education to include teaching fields in: Art, Biology, Business, Chemistry, English, Foreign Language-French, Mathematics, Music, Physical Education, Physics, Social Science — Political Science, Sociology, Multi-Discipline, History.

Course requirements for the early childhood, middle grades, and special education programs can be found in this section. Course descriptions for the programs in the teaching fields of secondary education are found in the area of the catalog devoted to that specific academic area.

MASTER OF EDUCATION DEGREE

North Georgia College offers a number of programs in Education where the Master of Education degree is awarded. Information related to the Graduate Program is found in the graduate bulletin.

TEACHER EDUCATION ADMISSION REQUIREMENTS

A student who desires teacher certification, whether enrolled in the Department of Education or other departments within the college, is required to apply for admission to the Teacher Education Program. Formal application for admission to the Teacher Education Program is usually made during the quarter of enrollment in Education 204 (Introduction to Education). The student is urged to complete Education 204 by the end of the Sophomore year.

A transfer student who has completed an Introduction to Education course at another institution should apply for admission at the time that he becomes eligible. Application forms may be obtained from the secretary's office in the Department of Education.

A student must be admitted to the Teacher Education Program before he is allowed to enroll in any upper division professional education courses. Any deviation from the planned sequence requires prior Department of Education approval.

To be eligible for admission to one of the teacher education programs, a student must:

1. Complete 30 or more quarter hours of credit with a grade point average of 2.50 or better;
2. Successfully complete the Regents' Examination;
3. Complete Education 204, Introduction to Education, with a grade of C or better;
4. Demonstrate competence in the use of oral and written language;
5. Have a positive attitude toward teaching as a profession;
6. Complete English 101 with a grade of C or better.

Applications for admission are forwarded to the Head of the Department of Education. A Subcommittee of the Teacher Education Committee will meet to review all applications. The students will subsequently be notified in writing of the committee's decision.

RETENTION IN A TEACHER EDUCATION PROGRAM

One important aspect of the teacher education program is the constant vigilance exercised by the staff involved to insure that standards of quality are maintained.

The following standards must be maintained for continued retention in a program:

1. Compliance with rules and regulations prescribed for all students at North Georgia College.
2. Continuation of an acceptable history of mental, emotional, and physical health.
3. Completion of all professional education courses with an academic grade of C or better. (These courses cannot be taken by correspondence or extension work.)
4. An academic grade of C or better in all courses in the student's major.
5. Continuation of an overall grade point average of 2.50 or better.

SEPTEMBER FIELD EXPERIENCE

All students are required to spend two weeks in a school of their choice to observe the opening, organizing, and beginning of the school year. This "September Field Experience" should occur prior to the fall quarter of the student's junior or senior year, and during that time the student serves as a volunteer, non-paid, staff assistant in the school. Arrangements for the field experience must be planned jointly by the Director of Student Teaching, the student, and the school involved. Students expecting to participate are required to attend a spring orientation session. Additionally, a written report must be submitted to the Director of Student Teaching immediately upon completion of the two-week teaching experience. Service for one full year as a teacher's aid or as a teacher with a provisional certificate will substitute for the September Experience.

STUDENT TEACHING

Student teaching is that part of the pre-service education program in which the prospective teacher spends full-time working in a cooperative school with a voluntary, supervising teacher. Student teaching takes place during an entire quarter of the senior year. No other class load is allowed during the student teaching quarter.

Students will have applied for and been admitted to the teacher education program and to the student teaching program prior to being placed in a cooperating school. At least two quarters prior to the quarter that a student wishes to be placed for student teaching, he or she must complete an application for student teaching which is available through the Department of Education. *Students expecting to student teach in the Spring quarter must apply not later than Fall quarter of the preceding year.*

Prerequisites For Student Teaching

1. Admission to the Teacher Education Program.
2. Completion of all professional education courses and courses appropriate to the teaching field. (Exceptions must be approved by the Coordinator of Student Teaching and the major advisor.)
3. Achievement of a minimum grade point average of 2.50.
4. Classification of senior as determined by the Registrar's Office.

5. Satisfactory completion of the September Field Experience or its equivalent.
6. Verification in writing by Academic Advisor of student's readiness for student teaching.

OTHER REQUIREMENTS

In compliance with Georgia law and regulations of the University System Board of Regents and the State Board of Education, North Georgia College requires that students preparing for teacher certification take:

1. Separate courses in Health and Physical Education (P.E. 390, and P.E. 420 or 309);
2. A course in Special Education;
3. The State Teacher Certification Test (TCT) appropriate to their teaching field.

GUIDANCE OF TEACHER EDUCATION STUDENTS

The Head of the Department of Education has the responsibility of guiding students enrolled in teacher education programs throughout their course work. Guidance of students in the high school and grades 1-12 programs will be shared jointly between the Head of the Department of Education and the head of the student's main concentration area. The overall responsibility for the conduct of any teacher-education program rests with the Head of the Department of Education.

MAJOR IN EARLY CHILDHOOD EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics: (one ten-hour sequence)	10
Courses from English 203, 204, 205, 206, 207	5-10	Mathematics 101-102 or Mathematics 119-120	
Fine Arts 252 (if only one of the above is selected)	0-5	Sciences: (one ten-hour sequence)	10
		Biology 105-106	
		Chemistry 101-102; or 121-122	
		Physics 223-224; or	
		223-225; or Astronomy 104-105	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Speech 211 or 214	5
History 100 or 251, 252, or 253	5	Fine Arts 252, Art 150, 151, or Music 205	5
100-200 level courses in History (others upon approval)	10	Psychology 101	5
		Education 204	5
		Social Studies 251	5
		Education 209	3
		Approved Elective (Computers)	3
EARLY CHILDHOOD EDUCATION MAJOR			
Education 301 or Psychology 301; Education 305, 311f, 415, 419, 421f, 431f			45

OTHER REQUIREMENTS:

Include at least one course from each area below. Courses marked with an asterisk (*) must be included.

Art 331*	5
Physical Education 390*, 420*	10
Language Arts 308*, 420*	10
Mathematics 310, 311	5
Music 306*	5
Science 460, Physics 460 or Education 460	5
Education 414 or Language Arts 309	5
Special Education 360*	5

ELECTIVES (from courses previously listed and courses below to bring the total number of credit hours to at least 185 exclusive of Physical Education)
Others upon approval

Computer Science 120, 130, 138, 220
Education 323
Education 412
Education 440

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN MIDDLE GRADES EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics: (one ten-hour sequence)	10
Courses from English 203, 204, 205 206, 207	5-10	Mathematics 101-102 or Mathematics 119-120	
Fine Arts 252 or Modern Language (if only one of the above is selected)	0-5	Sciences: (one ten-hour sequence)	10
		Biology 105-106	
		Chemistry 101-102; or 121-122	
		Physics 223-224; or	
		223-225; or Astronomy 104-105	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELDS	HOURS CREDIT
Political Science 101	5	Speech 211 or 214	5
History 100 or 251, 253 or 252	5	Fine Arts 252, Art 150, 151 or Music	
100-200 level courses in History (Others upon approval)	10	205	5
		Education 204	5
		Psychology 101	5
		Social Studies 251	5
		Education 209	3
		Approved Elective (Computers)	3

MIDDLE GRADES EDUCATION MAJOR
Education 304, 305, 311g, 421g, 431g, 440 or Sp. Ed. 458 40

OTHER REQUIREMENTS:
Education 323 5
L A 309; 420 or 430 10
Physical Education 390; 420 10

Special Education 360	5
Math 310 or 311	5
Science 460 or Physics 460 or Education 460	5

AREAS OF CONCENTRATION (Upper Division)

In-depth preparation (20 hrs.) in each of two teaching areas applicable to the middle grades program, one of which must be in language arts (reading, English, spelling), mathematics, science, or social studies.

The remainder of the preparation must be devoted to components related to the middle grades program based upon the assessed needs of the prospective teacher. This second preparation may be in one of the four areas above or in Physical Education, Art, or Music.

ELECTIVES (from courses below to bring the total number of credit hours to at least 185 exclusive of Physical Education)

- Art 331
- Computer Science 120, 130, 138, 220
- Mathematics 310 and/or 311
- Language Arts 308, 333
- Music 306
- Other upon approval

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. GEORGIA HISTORY REQUIREMENT

MAJOR IN SPECIAL EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics: (one ten-hour sequence)	10
English 203, 204, 205, 206, 207	5-10	Mathematics 101-102 or	
Fine Arts 252 (if only one of the above is selected)	0-5	Mathematics 119-120	
		Sciences: (one ten-hour sequence)	10
		Biology 105-106	
		Chemistry 101-102 or 121-122	
		Physics 223-224; or	
		223-225; Astronomy 104-105	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	(30 hrs. required)	
100-200 level courses	15	Speech 211	5
in History (Anthrop. 100, Psychology		Fine Arts 252	5
205, Sociology 100 or Business		Psychology 101	5
Admin. 221, 222 may be substituted		Sociology 100	5
with permission of the advisor)		Education 204	5
		Education 209	3
		Approved Elective (Computers)	3
MAJOR AREA (required)			
Education 301 or Education 304			5
Education 305			5
Education 311c, f, or g			5
Education 421c, f, or g			5
Special Education 360			5

Special Education 370	5
Special Education 450	5
Special Education 470	5
Special Education 471	5
Special Education 458, 464, 472, 473 (choose 3)	15
Special Education 478	15
OTHER REQUIREMENTS	
Courses marked with an asterisk must be included. Three additional courses from the remaining courses must be selected.	
Education 323	5
Physics 460	5
Physical Education 390*	5
Physical Education 420* (P.E. 309-1 hr. may be substituted with the approval of the advisor)	5
Art 331	5
Language Arts 420*	5
Language Arts 308, 309	5
Mathematics 310* or 311*	5
Music 306	5
ELECTIVES (choose from courses listed below to bring the total number of credit hours to at least 185 exclusive of basic Military Science and basic Physical Education)	
Special Education 480, 490, 468, 474	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

COURSES IN EDUCATION

204.	INTRODUCTION TO EDUCATION.	5 hours
	The primary purpose of this course is to furnish guidance to prospective teachers. Teaching is a profession and will be carefully analyzed. Students will study and evaluate their own abilities and traits as attributes of the teacher's personality. An overview of the American public school system will be presented.	
209.	EDUCATIONAL MEDIA.	3 hours
	A course designed to provide students with experiences in developing and utilizing print and non-print forms of media for school classroom use. Strategies will be developed for incorporating media into classroom settings.	
301.	CHILD DEVELOPMENT.	5 hours
	A study of the roles played by maturation and experience in the social, emotional, moral, and physical development of children from the prenatal period to adolescence. Observation of children in public school required for two hours weekly.	
302.	PSYCHOLOGY OF YOUTH.	5 hours
	A study of the physical, social, and cognitive aspects of human behavior from birth to death.	

- 303. HUMAN GROWTH AND DEVELOPMENT. 5 hours**
A study of the development of the human from the prenatal period through adolescence. Focuses on the role played by maturation and experience in the social, emotional, intellectual, moral, and physical development of the individual. Includes genetic and environmental influences on the development of the person. Educational practices considered in relation to their effect on the development of children. Treats the relationship of learning and learning theory on classroom teaching and planning. Observation and study of children in public school required two hours weekly.
- 304. THE NATURE AND DEVELOPMENT OF THE MIDDLE GRADE LEARNER. 5 hours**
This course focuses on the nature and diversity of the middle grade learner. Emphasis is placed on the physical, emotional, social and intellectual development of children from the end of early elementary into the early high school years.
- 305. EDUCATIONAL PSYCHOLOGY.* 5 hours**
Emphasis is placed on learning; its nature, motivation, retention, appraisal, transfer, and application. Adjustment of educational practices to individual differences in abilities and interests among pupils will be considered. Weekly laboratory experiences in teaching-learning situations will be held.
- 307. INTRODUCTION TO WORD PROCESSING FOR TEACHERS.* 3 hours**
The course is designed to enable teacher education majors at all levels to become proficient in the use of word processing as a tool for professional work and classroom applications. Emphasis will be placed on writing activities for students in public school classrooms. Emphasis will also be placed on software evaluation by teachers.
- 311 a. ELEMENTARY SCHOOL CURRICULUM.* 5 hours**
In this course consideration will be given to problems in planning for and executing appropriate learning experiences for the children of elementary grades. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 311 b. CURRICULUM FOR JUNIOR HIGH GRADES.* 5 hours**
In this course consideration will be given to problems in planning for and executing appropriate learning experiences for the children in grades seven through nine. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 311 c. CURRICULUM FOR THE HIGH SCHOOL GRADES.* 5 hours**
This course is designed to give students an overall view of the curriculum of the high school. Objectives and content of the curriculum are discussed from the standpoint of teaching. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 311 d. ART EDUCATION CURRICULUM.* 5 hours**
In this course consideration is given to problems in planning for and executing art experiences from kindergarten through high school. Special consideration will be given to the role of the art supervisor in the total curriculum of the public school. Directed observation and teaching is required. Class, including laboratory, meets ten hours each week.

*Prerequisite: Admittance to Teacher Education Program

- 311 e. MUSIC EDUCATION CURRICULUM.* 5 hours**
Current practices and problems in planning for and executing appropriate learning experiences in general music and performance oriented groups from kindergarten through high school will be studied. Field experience and observation is required. Class, including laboratory, meets ten hours each week.
- 311 f. CURRICULUM FOR EARLY CHILDHOOD EDUCATION.* 5 hours**
Principles and practices for planning learning activities for pre-school and primary grades. Directed observation in selected schools is required. Class, including laboratory, meets for ten hours each week.
- 311 g. CURRICULUM FOR MIDDLE GRADES.* 5 hours**
In this course, consideration will be given to problems in planning for and executing appropriate learning experiences for the children of grades four through eight. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 323. SOCIAL STUDIES FOR TEACHERS.* 5 hours**
An integrated social studies course for teachers in grades K-8. Topics considered include the family, occupations, labor unions, government functions and world culture. Methods of teaching social studies will be emphasized.
- 375. OUTDOOR EDUCATION FOR TEACHERS.* 5 hours**
A course designed to enrich the school curriculum through experiences in the outdoors. Particular emphasis will be given to school camping and to the conservation of soil, water, forests, and wildlife. The course requires extensive work in the field.
- 403, 404, 405. PROBLEMS IN EDUCATIONAL PSYCHOLOGY.* 2, 2, 2 hours**
(On Demand.)
Research done independently or in groups on problems pertinent to the field. Open to Senior departmental majors and in-service teachers.
- 406, 407, 408. PROBLEMS IN CURRICULUM AND METHODS.* 2, 2, 2 hours**
(On Demand.)
Research done independently or in groups on problems pertinent to the field. Open to Senior departmental majors and in-service teachers.
- 412. THE YOUNG CHILD IN THE HOME AND COMMUNITY.* 5 hours**
A study of the role of the home, community, and state in the education of the young child. Special emphasis is placed upon working with parents of young children in order to get maximum home reinforcement of the knowledge and skills taught by schools.
- 414. COMMUNICATION ARTS IN EARLY CHILDHOOD.* 5 hours**
This course includes language development, methods and materials, literature for young children and assessment of language skills. Also included are the areas of handwriting, listening skills, and spelling.

*Prerequisite: Admittance to Teacher Education Program

- 415. CREATIVE ACTIVITIES.* 5 hours**
A course designed to give students experience in selecting and presenting art activities, stories, finger plays, music, rhythms, woodwork, science and nature experiments in early childhood education. Laboratory experiences in teaching-learning situations will be held.
- 418. PRINCIPLES OF GUIDANCE.* 5 hours**
A survey of vocational and educational guidance service designed to give a fundamental understanding of the role of guidance in school programs.
- 419. PRACTICUM IN THE NURSERY SCHOOL AND KINDERGARTEN.* 5 hours**
(By permission of ECE Coordinator)
Observation and participation in an early childhood program with scheduled seminar discussion groups. Class, including laboratory, meets for ten hours each week.
- 421 a. MATERIALS AND METHODS IN THE ELEMENTARY SCHOOL.* 5 hours**
Prerequisite: Education 419 or approval of instructor. Basic techniques involved in the effective guidance of the learning of children in the elementary school, as well as the various instructional materials adapted for use at this level, are studied. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 421 b. MATERIALS AND METHODS IN THE JUNIOR HIGH GRADES.* 5 hours**
Basic techniques involved in the effective guidance of learners in grades seven through nine, as well as the various instructional materials adapted for use at this level, are studied. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 421 c. MATERIALS AND METHODS FOR HIGH SCHOOL GRADES.* 5 hours**
Basic techniques involved in the effective guidance of learners in high school grades and in various instructional materials adapted for use at this level are studied. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 421 d. MATERIALS AND METHODS FOR ART EDUCATION.* 5 hours**
Basic techniques involved in effective methods of guiding and supervising art programs in the public school from kindergarten through high school. The use of various instructional materials appropriate for the various levels will also be studied. Directed observation and teaching is required. Class, including laboratory, meets ten hours each week.
- 421 e. MATERIALS AND METHODS FOR MUSIC EDUCATION.* 5 hours**
Techniques and materials involved in the effective guidance of learners in kindergarten through high school are studied. Field experience and observation is required. Class, including laboratory, meets ten hours per week.

*Prerequisite: Admittance to Teacher Education Program

- 421 f. MATERIALS AND METHODS IN EARLY CHILDHOOD EDUCATION.* 5 hours**
Prerequisite: 419. Materials and methods for teaching the basic techniques involved in the effective guidance of the learning of children in nursery schools, kindergartens, and early elementary grades; survey of current materials of instruction and directed observation of young children and teachers at work. Class, including laboratory, meets ten hours each week.
- 421 g. MATERIALS AND METHODS IN THE MIDDLE GRADES.* 5 hours**
Basic techniques involved in the effective guidance of learners in grades four through eight, as well as the various instructional materials adapted for use at this level, are studies. Directed observation in selected schools is required. Class, including laboratory, meets ten hours each week.
- 431 a. STUDENT TEACHING IN THE ELEMENTARY SCHOOL.** 15 hours**
Prerequisites: Scholastic standing of at least 2.5, completion of Language Arts 420, Education 311a, 421a, 204, 305 and 301 with a grade of at least C; enrollee at North Georgia College for two quarters; written application approved two quarters in advance.
- 431 b. STUDENT TEACHING IN THE JUNIOR HIGH GRADES.** 15 hours**
Prerequisites: Scholastic standing of at least 2.5, completion of Education 311b, 421b, 204, 305, 302 with grades of at least C in each; enrollee at North Georgia College for two quarters; written application approved two quarters in advance.
- ✓ **431 c. STUDENT TEACHING IN THE HIGH SCHOOL GRADES.** 15 hours**
Prerequisite: Scholastic standing of at least 2.5, completion of Education 311c, 421c, 204, 305 with grades of at least C in each; enrollee at North Georgia College for two quarters; written application approved two quarters in advance.
- ✓ **431 d. STUDENT TEACHING IN ART.** 15 hours**
Prerequisites: Scholastic standing of at least 2.5, completion of Education 311d, 421d, 204, 305 with a grade of at least C in each; enrollee at North Georgia College for two quarters; written application approved two quarters in advance.
- 431 e. STUDENT TEACHING IN MUSIC.** 15 hours**
Prerequisites: Scholastic standing of at least 2.5, completion of Education 311e, 421e, 204, 305 with a grade of at least C in each; enrollee at North Georgia College for two quarters; written application approved two quarters in advance.
- 431 f. STUDENT TEACHING IN EARLY CHILDHOOD.** 15 hours**
Prerequisites: Scholastic standing of at least 2.5, completion of Education 301, 305, 311f, 419, 421f, Language Arts 420 with a grade of at least C; enrollee at North Georgia College for two quarters; written application approved two quarters in advance.

*Prerequisite: Admittance to Teacher Education Program

**Observation and participation in teaching is accomplished in the appropriate schools throughout the day during the quarter. Gradual induction into the situation will take place, leading to increased responsibility and finally to full time teaching. A student teacher making satisfactory progress will assume the complete teaching load for at least three weeks. Conferences will be held throughout the quarter with the college supervisor. Three seminars will be held on campus.

- ✓ 431 g. **STUDENT TEACHING IN THE MIDDLE GRADES.**** **15 hours**
 Prerequisites: Scholastic standing of at least 2.5, completion of Education 311g, 421g, 204, 305, 304 with grades of at least C in each; enrollee at North Georgia College for two quarters; written application approved two quarters in advance.
440. **CLASSROOM MANAGEMENT AND ORGANIZATION.*** **5 hours**
 This course is designed to provide classroom teachers with knowledge and skills for managing the total instructional setting, including the individualization of instruction. Emphasis will be placed on grouping, teacher-student relationships, establishing the classroom environment and coping with class conflict.
441. **EDUCATIONAL MEDIA.*** **5 hours**
(On Demand.)
 The psychological principles underlying the use of audio-visual equipment and materials will be discussed. Some laboratory work will be included.
460. **TEACHING ELEMENTARY SCHOOL SCIENCE.*** **5 hours**
 An overview of the recently developed methods and materials in the teaching of elementary school science. Emphasis is given to improving the conceptual level in science, to scientific inquiry and to teacher-pupil involvement in the processes of science.

COURSES IN SPECIAL EDUCATION

360. **INTRODUCTION TO EXCEPTIONAL CHILDREN.*** **5 hours**
 A study of physical, social, mental and emotional differences as found in children. The characteristics, both physical and behavioral, as well as methods of diagnosis and remediation for the academically talented, the mentally retarded, blind, partially sighted, deaf or hard of hearing, specific learning disabilities, culturally disadvantaged and behavior disordered are reviewed.
370. **INTRODUCTION TO MENTAL RETARDATION.*** **5 hours**
 A course designed to review the historical treatment, etiology and characteristics of the mentally retarded. Methods of diagnosing, placing and working with the retarded will be covered.
450. **EDUCATIONAL ASSESSMENT OF EXCEPTIONAL CHILDREN.*** **5 hours**
 A course designed to provide a background of formal and informal evaluative procedures for use with children who have various types of learning problems. The course includes individual tutoring and prescriptive teaching techniques.
458. **BEHAVIOR MANAGEMENT.*** **5 hours**
 A course emphasizing clinical management of life events; permitting, tolerating, interfering, environmental manipulation, and life-space interviewing. Focuses on disturbed children in specific settings.

*Prerequisite: Admittance to Teacher Education Program

**Observation and participation in teaching is accomplished in the appropriate schools throughout the day during the quarter. Gradual induction into the situation will take place, leading to increased responsibility and finally to full time teaching. A student teacher making satisfactory progress will assume the complete teaching load for at least three weeks. Conferences will be held throughout the quarter with the college supervisor. Three seminars will be held on campus.

- 464. WORKING WITH PARENTS OF EXCEPTIONAL CHILDREN.* 5 hours**
A course designed to teach the techniques which an educator might use in communicating with parents of exceptional children. The means of interpreting handicapping conditions and school programs to parents in order to get maximum home reinforcement of the attitudes, skills and knowledge taught in school will be covered.
- 468. EDUCATIONAL AND MEDICAL ASPECTS OF CRIPPLING AND SPECIAL HEALTH CONDITIONS.* 5 hours**
A study of physically disabling conditions which cause educational difficulties, orthopedic conditions, progressive deterioration conditions, low vitality conditions, central nervous system injury and multiple handicaps will be covered.
- 469. PRACTICUM IN THE HOME/HOSPITAL.* 5 hours**
Prerequisites: Sp.Ed. 360, 468. Supervised practicum in programs for the home or hospital bound student.
- 470. METHODS AND MATERIALS FOR TEACHING THE MENTALLY RETARDED.* 5 hours**
Prerequisites: Special Ed. 370 and 450 and Educ. 311 and 421. Methods and materials as they relate to the development of desirable attitudes, abilities and skills of the educable mentally retarded.
- 471. CURRICULUM FOR SPECIAL EDUCATION PROGRAMS.* 5 hours**
Prerequisites. Sp. Ed. 370 and Sp. Ed. 450 and Educ. 311 and 421. Curriculum development skills that will enable the special educator to match the individual student with the educational curriculum that best meets the students' needs.
- 472. SPEECH AND LANGUAGE DEVELOPMENT FOR EXCEPTIONAL CHILDREN.* 5 hours**
This course covers the current understanding of speech and language development for exceptional children. A study of methods, materials, and experiences.
- 473. VOCATIONAL TRAINING AND CAREER EDUCATION FOR THE EXCEPTIONAL CHILD.* 5 hours**
A course emphasizing the educator's role in vocational experiences in the school and out of the school setting. Job placement, working with other disciplines and agencies in the community and supervision in job training situations will be covered.
- 474. METHODS AND MATERIALS FOR TEACHING SEVERELY MENTALLY RETARDED.* 5 hours**
A course covering diagnostic criteria and the development of teaching materials and relationships with community organizations interested in developing a public school, private school, community center or institutional program for severely mentally retarded children.

*Prerequisite: Admittance to Teacher Education Program

- 478. STUDENT TEACHING WITH THE MENTALLY RETARDED.**** **15 hours**
Prerequisites: Special Ed. 470, 471.
- 480. INTRODUCTION TO THE EDUCATION OF CHILDREN WITH EMOTIONAL PROBLEMS.*** **5 hours**
A course designed to discuss behavioral characteristics of children with emotional problems in terms of etiology, identification, behavior management and curricular planning. (Elective for B.S. in Sp. Ed. with major in MR; the beginning course sequence on Emotionally Disturbed)
- 481. METHOD AND MATERIALS FOR TEACHING CHILDREN WITH BEHAVIORAL/EMOTIONAL DISORDERS.*** **5 hours**
Prerequisites: Sp. Ed. 480.. A review of major approaches in the education of behavioral and emotionally disordered children. Understanding and planning adaptations in the educational program for disturbed children. Appropriate plans and materials are identified for use with disordered children.
- 485. CHARACTERISTICS OF THE GIFTED.*** **5 hours**
A course covering the identification and characteristics of gifted and talented students from pre-school through high school. Consideration is given to the exploration of alternatives for recognizing gifted and talented children who are culturally different and/or underachieving. Alternative service models and the major instruments used for identifying gifted and talented will be studied.
- 486. PROGRAM DEVELOPMENT AND CURRICULUM PLANNING FOR THE GIFTED.*** **5 hours**
Prerequisites: Sp. Ed. 485. Methods and materials as they relate to fostering creativity, developing interests and channeling abilities of the gifted and talented students from pre-school through high school. The course will explore ways of organizing and promoting programs within the public school setting.
- 487. PRACTICUM WITH THE GIFTED.*** **5 hours**
Prerequisites: Sp. Ed. 485/685; 486/686. Supervised practicum in programs for the gifted.
- 490. INTRODUCTION TO THE EDUCATION OF CHILDREN WITH LEARNING DISABILITIES.*** **5 hours**
A course giving an overview of the field of learning disabilities as concerned with referral diagnosis, management and educational practices. (Elective for B.S. in Sp. Ed. with major in MR; the beginning course in sequence on Learning Disabilities)

*Prerequisite: Admittance to Teacher Education Program

**Observation and participation in teaching is accomplished in the appropriate schools throughout the day during the quarter. Gradual induction into the situation will take place, leading to increased responsibility and finally to full time teaching. A student teacher making satisfactory progress will assume the complete teaching load for at least three weeks. Conferences will be held throughout the quarter with the college supervisor. Three seminars will be held on campus.

**SPECIALIZED COURSES FOR ELEMENTARY
AND JUNIOR HIGH GRADE TEACHERS**

ART

331.	ELEMENTARY ART. (See courses in Fine Arts.)	5 hours
332.	SECONDARY SCHOOL ART (See courses in Fine Arts.)	5 hours

HEALTH AND PHYSICAL EDUCATION

309.	LIFE AND ACTIVITY (See courses in Physical Education.)	1 hour
390.	HEALTH EDUCATION (See courses in Physical Education.)	5 hours
420.	ELEMENTARY AND SECONDARY SCHOOL PHYSICAL EDUCATION. (See courses in Physical Education.)	5 hours

LANGUAGE ARTS

308.	CHILDREN'S LITERATURE.* The reading and evaluation of books for children. Discussed in the course are sources of information about children's books, children's interest in reading, the work of important authors and illustrators, the problems in the guidance of reading, and the organization of recreational reading programs.	5 hours
309.	LANGUAGE ARTS FOR THE ELEMENTARY GRADES.* This course provides a thorough knowledge of the language arts and a familiarity with methods, materials, and activities for the teaching of reading, handwriting, spelling, and oral and written expression in the elementary school.	5 hours
333.	JUVENILE LITERATURE.* Reading and study of the various types of literature for young people, as well as a study of the appropriate reading programs for junior high school pupils, are included in this course.	5 hours
420.	THE TEACHING OF READING.* An intensive study of reading skills in the areas of readiness, vocabulary development, phonics, word recognition, and comprehension. Students will become familiar with the most popular approaches used to teach reading and the organizational skills needed to implement these approaches.	5 hours

*Prerequisite: Admittance to Teacher Education Program

- 421. THE ANALYSIS AND CORRECTION OF READING DISABILITIES.* 5 hours**
 Prerequisites: LA 420. Students will explore the causes of reading problems and the procedures and materials for assessment and correction in the classroom. A minimum of ten hours will be devoted to assessing and teaching a child in reading.
- 430. TEACHING READING IN THE CONTENT AREAS.* 5 hours**
 Study of objectives and methods for teaching comprehension, vocabulary, study skills and critical reading in the content areas. Attention is focused on remedial and enrichment techniques for secondary students, refinement of teaching strategies to improve content area instruction and to create appreciation of and interest in reading.

MATHEMATICS

- 310. INTRODUCTION TO MATHEMATICS FOR ELEMENTARY AND JUNIOR HIGH TEACHERS I. 5 hours**
 (See courses in Mathematics.)
- 311. INTRODUCTION TO MATHEMATICS FOR ELEMENTARY AND JUNIOR HIGH TEACHERS II. 5 hours**
 (See courses in Mathematics.)

MUSIC

- 205. MUSIC HISTORY AND APPRECIATION. 5 hours**
 (See courses in Fine Arts.)
- 252. FINE ARTS. 5 hours**
 (See courses in Fine Arts.)
- 306. MUSIC FOR THE ELEMENTARY GRADES. 5 hours**
 (See courses in Fine Arts.)

SCIENCE

- Ed. 460. SCIENCE FOR ELEMENTARY TEACHERS 5 hours**
 (See course in Education listing.)

SOCIAL STUDIES

- 251. WORLD HUMAN GEOGRAPHY. 5 hours**
 World conditions will be studied with reference to the adaptations made to them by man. The influence of geographical factors on modes of living, types of occupations, social organization and government will be given emphasis.

*Prerequisite: Admittance to Teacher Education Program

DEPARTMENT OF ENGLISH

Mary Ruth Miller, Department Head

MAJOR IN ENGLISH

CORE CURRICULUM REQUIREMENTS

AREA — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 102	10
Courses from English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence)	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	French, German or Spanish	20-10
Courses from History 100, 101, 102, 103, 111, 211, 251, 252, 253	10	Courses from English 203, 204, 205, 206, 207, 250 other than those used in Area I; History 251, 252, 253 other than those used in Area III;	
Psychology 101	5	Fine Arts 252; Speech 211	10-20

COURSES IN THE MAJOR	
A total of nine English courses in addition to those taken in Area I of the Core Curriculum, including at least 35 hours from 300-400 courses	45
COURSES IN THE MINOR	
A related area selected by the student under the direction of the department head	20
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS	20
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

MAJOR IN ENGLISH — SECONDARY EDUCATION

All bachelor's degree programs in teacher education leading to state certification are also subject to degree requirements listed in the Department of Education section of this catalog.

(For Core Curriculum Requirements, Area I, Area II, Area III, see above.) Fine Arts 252 and Speech 211 in Area IV are required.

COURSES IN THE MAJOR	
A total of nine English courses in addition to those taken in Area I of the Core Curriculum, including at least 35 hours from 300-400 courses. At least 5 hours must be from American Literature. It is emphatically suggested that English 307, English 401, an English literature course, and a world literature course be taken.	45

PROFESSIONAL EDUCATION SEQUENCE	
Education 204, 305, 311c, 421c, 431c	35
OTHER REQUIREMENTS	
Physical Education 390 and 309	6
Special Education 360 or 490	5
Language Arts 430 or 420	5
ELECTIVES (to bring total number of credit hours to at least 185 exclusive of Basic Military Science and Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS	20
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

MAJOR IN ENGLISH — PRE-LAW CONCENTRATION

COURSES IN THE MAJOR

A total of nine English courses in addition to those taken in Area I of the Core Curriculum, including at least 35 hours from 300-400 courses. Recommended courses are English 250, 307, 350, and 401, plus 304, 306, and selected studies such as the law in literature.

MINOR IN ENGLISH

Courses from the following:

English 203, 204, 205, 206, 207, in Area I of the Core Curriculum	10
English courses at the 300-400 level	20

MINOR IN ENGLISH — PRE-LAW CONCENTRATION

Courses from the following:

English 203, 204, 205, 206, 207, in Area I of the Core Curriculum	10
English 250, 307, 350, and 401	10
Additional English courses at the 300-400 level	10

COURSES IN ENGLISH

101.	GRAMMAR AND COMPOSITION.	5 hours
	The study of basic English grammar with emphasis on intensive composition.	
102.	COMPOSITION.	5 hours
	Prerequisite: English 101. Emphasis on extensive composition based on the literary genres.	
203, 204.	A SURVEY OF ENGLISH LITERATURE.	5, 5 hours
	Prerequisite: English 102. A chronological study of the works of major British writers from the beginning to the present.	

- 205, 206. A SURVEY OF WORLD LITERATURE. 5, 5 hours**
Prerequisite: English 102. A survey of World Literature from Homer to the present, with attention to artistic form and currents of thought related to Western Culture.
- 207. CONTEMPORARY AMERICAN LITERATURE. 5 hours**
Prerequisite: English 102. A study of selected works of American literature of the twentieth century.
- 250. INTRODUCTION TO TECHNICAL AND PROFESSIONAL WRITING. 5 hours**
Prerequisites: English 101 and 102. An introduction to the principles and practices of technical and professional writing, with individual projects relating to the student's field of study.
- 302. AMERICAN LITERATURE TO 1860:
A SURVEY 5 hours**
- 303. AMERICAN LITERATURE FROM 1860 TO THE PRESENT:
A SURVEY 5 hours**
- 304. SOUTHERN LITERATURE. 5 hours**
The literature of the South, including a brief background study of the literary trends from the Civil War to the Southern Renaissance and concentrating on writers of the twentieth century.
- 306. SHAKESPEARE. 5 hours**
A study of selected comedies, chronicles, and tragedies, with emphasis on the tragedies.
- 307. ADVANCED ENGLISH GRAMMAR. 5 hours**
A study of traditional grammar with an introduction to theories of structural linguistics and transformational-generative grammar.
- 309. THE NOVEL. 5 hours**
Studies in the development of prose fiction from the Eighteenth Century to the present.
- 315. MODERN DRAMA. 5 hours**
A study of the work of modern dramatists, beginning with Ibsen.
- 350. ADVANCED COMPOSITION. 5 hours**
Prerequisites: English 101 and 102 with a grade of C or better. Emphasis on the writing process and the writing of several different modes of prose.
- 401. HISTORY OF THE ENGLISH LANGUAGE. 5 hours**
A study of the background, origins, and development of the English language, with emphasis on phonological and morphological aspects.
- 420. SELECTED STUDIES. 1-5 hours**
Prerequisite: Permission of the Department. Reading, investigating, and writing in the classroom or under informal direction of the faculty on selected topics or areas not covered in other catalog listings. This course may be repeated for credit.

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| 440. | CHAUCER.
Emphasis on <i>The Canterbury Tales</i> . | 5 hours |
| 460. | ENGLISH RENAISSANCE.
A survey of non-dramatic English literature from 1500 to the Restoration. | 5 hours |
| 470. | MILTON.
A study of Milton in the context of his classical background and late Renaissance environment. Major emphasis on the poetry. | 5 hours |
| 480. | ENGLISH LITERATURE OF THE EIGHTEENTH CENTURY. | 5 hours |
| 490. | ENGLISH LITERATURE OF NINETEENTH CENTURY
ROMANTICISM.
Emphasis on the major poets. | 5 hours |
| 495. | ENGLISH LITERATURE OF THE VICTORIAN ERA.
Emphasis on the major poets. | 5 hours |

FINE ARTS DEPARTMENT

Robert L. Owens, Department Head

The Fine Arts Department includes courses of study in the areas of Visual Arts, Music, Speech and Theatre. A Bachelor of Arts degree is offered with a major in Art and a major in Craft Design. A Bachelor of Science degree is offered in Art Education, Music Education and Craft Marketing. Any student may minor in Fine Arts with an emphasis in either Art, Music, or Speech and Theatre.

Ensemble, Recital and Portfolio Requirements:

All music education majors are required to participate in a performing organization each quarter with the exception of the quarter in which student teaching is done. All music education majors are required to attend recitals and concerts. Such participation is considered a vital part of the student's music education.

All art students will be required to submit a portfolio of art work to the art faculty for the purpose of review and counseling during the junior year. Transfer students will be admitted to the art program and transfer credits accepted into the program after one quarter resident work and a portfolio review.

Exit Requirements:

Music students must meet Applied Music Jury Requirements before graduation. All Visual Arts students are required to display a Senior Exhibit of their work within the final year of their residency.

North Georgia College Visual Arts Collection:

A permanent collection of original art work by art students of North Georgia College is being acquired. The Fine Arts Department maintains the right to retain an example of studio work to be placed in this collection.

North Georgia College Fine Arts Scholarships:

The **C.J. Dismukes Scholarship Fund** and the **Alva N. Pendergrass Fund** award music scholarships each year. These are awarded on the basis of merit to students with outstanding talent.

The **Gloria Shott Scholarship** is available for entering freshmen or enrolled students with outstanding academic achievement and superior talent in the Fine Arts, and is renewable annually. Further information on these scholarships may be obtained by writing the Head of Fine Arts, North Georgia College, Dahlonega, Georgia 30597.

BACHELOR OF ARTS

MAJOR IN ART

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 102, 119	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence) Biology 105-106 or 105-107	10
Choice of the following if only one of the above is selected: Fine Arts 205, 250, 252 or any appropriate course in the Modern Languages.	0-5	Chemistry 101-102; or 121-122 Physics 101-102; or 223-224; or 223-225 A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics	5
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Art 101, 102, 103, 105	20
100-200 level History courses	5-15	Language (See page 151)	10
Courses selected from the following: Anthropology 100 Psychology 101, 205 Sociology 100 Business Administration 221, 222	0-10		
ART MAJOR			
Courses from the following: Art 104, 106, 107, 108 (any two) Visual Arts Survey 150, 151, 152 Art History 350, 351, 450, 451 Intermediate Studio on 300-400 level Studio Concentration on 400 level Art 490			10 15 5 30 20 1
COURSES IN THE MINOR			
Under the direction of the Head of the Fine Arts Department, the student will select a closely related departmental minor.			
OTHER REQUIREMENTS			
Music, Theatre, Speech			
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENT (FOR MILITARY STUDENTS)			
BASIC PHYSICAL EDUCATION REQUIREMENTS			
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

BACHELOR OF SCIENCE**MAJOR IN ART EDUCATION****CORE CURRICULUM REQUIREMENTS**

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 102, 119	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence) Biology 105-106 or 105-107	10
Choice of the following if only one of the above is selected: Fine Arts 205, 250, 252 or any appropriate course in the Modern Languages.	0-5	Chemistry 101-102; or 121-122 Physics 101-102; or 223-224; or 223-225 A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics.	5
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Art 101, 102, 103, 105	20
100-200 level History courses	5-15	Music 205, Speech 211, 214	5
Courses selected from the following: Anthropology 100 Psychology 101, 205 Sociology 100 Business Admin. 221, 222	0-10	Education 204	5
ART EDUCATION MAJOR			
Courses from the following:			
Art 104, 106, 107, 108 (any two)			10
Visual Art Survey 150, 151, 152			15
Art History 350, 351, 450, 451			5
Art Studio on Junior or Senior level			30
Art Education 331, 332			10
Art 490			1
COURSES REQUIRED FOR GEORGIA PROFESSIONAL EDUCATION CERTIFICATION*			
Education 305			5
Physical Education 390, 420 or 309			6-10
Special Education 360			5
Education 311-d, 421-d, 431-d			25
OTHER REQUIREMENTS			
Basic Physical Education			6
Music 306 (optional, but strongly recommended)			0-5
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
THE STATE TEACHER CERTIFICATION TEST (TCT)			
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

*All bachelors degree programs in teacher education leading to state certification are also subject to degree requirements listed in the Department of Education section of this catalog.

BACHELOR OF SCIENCE**MAJOR IN CRAFT MARKETING****CORE CURRICULUM REQUIREMENTS**

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 102 or 202; or 119	
Courses from English 203, 204, 205, 206, 207	5-10	120	10
Choice of the following if only one of the above is selected: Fine Arts 205, 250, 252 or any appropriate course in the Modern Languages.	0-5	Sciences: (one ten-hour sequence) Biology 105-106 Chemistry 101-102; or 121-122 Physics 101-102; or 223-224; or 223-225	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Art 101, 102, 104, 105	20
100-200 level courses in History	10	BA 222, 231	10
Courses from Business Admin. 221, Psychology 101, 205, or Sociology 100, Anthropology 100	0-10		
CRAFT MARKETING MAJOR			
Courses from the following:			
Art 104, 106, 107, 108 (any two)			10
Visual Arts Survey 150, 151, 152			15
Art History 350, 351, 450, 451			5
Intermediate Studio on 300-400 level			30
Studio Concentration on 400 level			20
Art 490			1
Business Courses from the following:			
BA 232			5
BA 371, 372, 361 or Art 346			15
BA 466 or 392			5
OTHER REQUIREMENTS			
Fine Arts 485			5
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

BACHELOR OF SCIENCE DEGREE**MAJOR IN MUSIC EDUCATION****CORE CURRICULUM REQUIREMENTS**

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101	5
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Choice of the following if only one of the above is selected: Fine Arts 205, 250, 252, Art 150, 151, 152, or any appropriate course in the Modern Languages.	0-5	Biology 105-106	
		Chemistry 101-102; or 121-122	
		Physics 101-102; or 223-224; or 223-225	
		A 100-200 level five-hour course in Biology, Chemistry, Mathematics or Physics	5
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Music 100, 101, 102	9
100-200 level History courses	5-15	Music 200, 201, 202, 204	11
Courses selected from the following:	0-10	Music 163, 164, 165, 263, 264, 265	12
Anthropology 100			
Psychology 101, 205			
Sociology 100			
Business Admin. 221, 222			
MUSIC EDUCATION MAJOR			
Music 160, 161, 162 (Applied Secondary)			3
Music 260, 261, 262 (Applied Secondary)			3
Music 221, 222, 223 (Band Instruments)			6
Music 311, 312 (Music Education)			6
Music 321 and 322 or 323 (Conducting)			4
Music 363, 364, 365 (Applied Principle)			6
Music 350, 351, 352 (Music History)			9
Music 190, 191, 192, 193, 195, 196, 197			11
Music 303 (Orchestration and Arranging)			3
COURSES REQUIRED FOR GEORGIA PROFESSIONAL EDUCATION CERTIFICATION*			
Education 204, 305			10
Physical Education 390, 420 or 309			6-10
Special Education 360			5
Education 311-e, 421-e, 431-e			25
Art, Speech			5
COURSES REQUIRED FOR MUSIC TEACHERS NATIONAL ASSOCIATION CERTIFICATION**			
Education 204, 305 (Introduction to Ed. and Ed. Psy.)			10
Business Administration 231, 232 (Accounting)			10
Music 302 (Form and Analysis)			3
Music 440 (Piano Literature)			5
Music 470 (Piano Pedagogy)			5
Music 180 (Accompanying)			5
Music 463, 464, 465 (Applied Principle)			6
Music 490 (Problems in Music)			2
FNAR 485 (Internship)			5
OTHER REQUIREMENTS			
Basic Physical Education			6

ELECTIVES (To bring total number of credit to at least 185 exclusive of Physical Education)	
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
THE STATE TEACHER CERTIFICATION TEST (TCT)	
RECITAL AND ENSEMBLE REQUIREMENTS	
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

*All bachelor degree programs in teacher education leading to the state certification are also subject to degree requirements listed in the Department of Education section of this catalog.
**Certification by Music Teachers National Association also applies to certification by the Georgia Music Teachers Association but does not apply to Teacher Certification by the Georgia Department of Education.

MINOR IN FINE ARTS

A minor in Fine Arts will required 25 hours with a concentration in either Art, Music, or Theatre.
A program of study will need the approval of the Head of the Fine Arts Department.

Emphasis in Art:	
Applied Art Courses	5-15
Art History	5-15
Music or Speech and Theatre	5
Emphasis in Speech and Theatre:	
Speech and Theatre	15
Applied Theatre	5
Art or Music	5
Emphasis in Music:	
Applied Music	6
Fundamentals and Theory	9
Music History	5
Art or Speech and Theatre	5

COURSES IN FINE ARTS

The following courses are appropriate to fulfill 5 hours of the humanities requirement: Fine Arts 205, Fine Arts 250, Fine Arts 252, Art 150, Art 151, and Art 152.

205.	FINE ARTS; MUSIC APPRECIATION	5 hours
	A comparative study of the arts with a concentration in Music. This discipline will be examined through selected recorded works, lectures and readings.	
250.	FINE ARTS; THEATRE APPRECIATION	5 hours
	A comparative study of the arts with a concentration in Theatre Arts. This discipline will be examined through media presentations, lectures and selected readings.	
252.	FINE ARTS; ART APPRECIATION	5 hours
	A comparative study of the arts with a concentration in Visual Arts. This discipline will be examined through slide presentations, lectures and selected readings.	

485. GEORGIA INTERN PROGRAM IN FINE ARTS. 5-15 hours

COURSES IN ART

All 5 hour Studio Courses will meet two (2) periods per day, five (5) days per week.

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|-----------------------|---|----------------|
| 101. | BASIC DRAWING I.
Fundamentals of drawing from still life objects and the study of perspective. | 5 hours |
| 102. | BASIC DRAWING II.
Fundamentals of drawing from the live model. | 5 hours |
| 103. | BASIC 3-D DESIGN I.
Introduction to sculpture and the problems of spacial form with materials such as wood, clay, plaster and metal. | 5 hours |
| 104. | BASIC 2-D DESIGN II.
Introduction to the theories of the basic fundamentals of art; line, space, shape, color, value, texture, and form along with the principles of design and organization of a two dimensional surface. | 5 hours |
| 105. | BASIC COLOR DESIGN III.
Introductory theories of color use in pigment, dyes, and light. | 5 hours |
| 106. | BASIC PAINTING MEDIA ANALYSIS.
Introduction to painting problems using a variety of techniques and painting media. | 5 hours |
| 107. | BASIC CRAFT MEDIA ANALYSIS.
Introduction to a variety of craft techniques and design problems. | 5 hours |
| 108. | BASIC PHOTOGRAPHIC DESIGN.
Introduction to design concepts through simple photographic techniques. | 5 hours |
| 145, 146, 147. | YEARBOOK.
The Design, Planning and Production of the NGC College Yearbook. | 1 hour |
| 150. | VISUAL ARTS SURVEY I.
The history of art from the prehistoric to the Renaissance. | 5 hours |
| 151. | VISUAL ARTS SURVEY II.
The history of painting, sculpture and architecture of Europe and the New World from the thirteenth century to the late nineteenth century including Renaissance, Baroque, Neo-Classical and Romantic periods. | 5 hours |
| 152. | VISUAL ARTS SURVEY III.
The history of Art during the twentieth century including styles such as impressionism, Cubism, Symbolism, Surrealism, Abstract Expression and Pop Art. | 5 hours |

- 310. DRAWING. 5 hours**
Prerequisite: Art 101 and 102. Draftsmanship development and individual interpretation of ideas are emphasized.
- 315. WATER COLOR PAINTING. 5 hours**
Water color techniques and criticism.
- 316. ACRYLIC PAINTING. 5 hours**
Acrylic painting techniques and criticism.
- 317. OIL PAINTING. 5 hours**
Oil painting techniques and criticism.
- 320. SCULPTURE. 5 hours**
Organization of ideas and technical problems in sculpture.
- 331. ELEMENTARY SCHOOL ART 5 hours**
Through lecture, slides, films, and filmstrips, the developmental stages of Children's art, media and techniques appropriate for pre-school and elementary grade levels, and planning for art lessons are introduced. Studio activities involve the student in experimentation with art materials, design concepts, and projects for art teaching at the elementary level.
- 332. SECONDARY SCHOOL ART. 5 hours**
Art teaching concepts directed toward the adolescent and adult age levels. Studio activities will involve experimentation with art materials, teaching techniques, and art education philosophy that can be applied to a secondary school and/or adult art program.
- 340. GRAPHICS. 5 hours**
Organization of ideas and technical problems in printmaking.
- 345. LETTERING. 5 hours**
Communication problems of calligraphy and letter design.
- 346. COMMERCIAL DESIGN AND ADVERTISING. 5 hours**
Theoretical principles of typography, page layout design and printing. Three major divisions of commercial design and advertising will be addressed: Production, Marketing, and Editorial techniques. These include commercial awareness, ordering and buying, and scheduling.
- 350. CONTEMPORARY ART HISTORY. 5 hours**
Contemporary art and its development.
- 351. AMERICAN ART HISTORY. 5 hours**
The development of painting, sculpture, architecture, and crafts in the United States.
- 360. TEXTILE DESIGN. 5 hours**
Organization of design concepts and techniques involved with the surface enrichment of fabrics.

- 365. WEAVING. 5 hours**
Organization of ideas and technical problems involved with the construction of fabrics.
- 370. POTTERY. 5 hours**
An introduction to the ceramic process of forming clay, glazing and firing. Studio design problems will involve hand building techniques or an introduction to skills required for making pottery on the potter's wheel.
- 380. PHOTOGRAPHY. 5 hours**
Organization of ideas and technical problems of the photographic process.
- 390. SEMINARS IN ART. 1 hour**
Accumulative credit quarterly to all art-majors for portfolio development (work and slides). Attendance to workshops, guest artists' lectures, field trips and critiques will be involved.
- 410, 411, 412, 413, 414. DRAWING. 5 hours**
A sequence of directed studies in drawing.
- 415, 416, 417, 418, 419. PAINTING. 5 hours**
A sequence of directed studies in painting.
- 420, 421, 422, 423, 424. SCULPTURE. 5 hours**
A sequence of directed studies in sculpture.
- 430. PROBLEMS IN TEACHING ART. 1 hour**
Supervised teaching of art with program planning emphasized. Designed for classroom teachers and/or students working with children in afternoon art classes, recreation programs in art, etc.
- 440, 441, 442, 433, 444. GRAPHICS. 5 hours**
A sequence of directed studies in printmaking.
- 445. ART ADVERTISING. 5 hours**
The development of visuals in order to sell products and services. Headline writing, as well as copywriting, will be stressed. Additional emphasis will be placed on presentations of advertisements to prospective clients, which demonstrates graphic design and rendering skills. Finalization of the projects will be in the form of camera-ready art work.
- 446. GRAPHIC DESIGN. 5 hours**
The design of materials needed by the client that are not necessarily advertisements. These materials include logo designs, letterheads, brochures, annual reports, newsletters, package designs, charts and graphs, and book covers. Camera-ready art work will be necessary to complete the course.

- 447. ART DIRECTING. 5 hours**
The development of advertisements and collateral materials that necessitate the use of photography in order to complete the projects. The student acting as art director will design the projects, complete with full color marker-rendered layouts, collect the appropriate props, arrange the shoot schedules, choose the photographer needed, and direct the shots. Camera ready art will be necessary to complete the projects.
- 450. NON-WESTERN ART HISTORY. 5 hours**
An analysis of art monuments of Non-Western cultures.
- 451. RENAISSANCE ART HISTORY. 5 hours**
An analysis of art monuments of the Renaissance.
- 460, 461, 462, 463, 464. TEXTILE DESIGN. 5 hours**
A sequence of directed studies in surface design on fabrics.
- 465, 466, 467, 468, 469. WEAVING. 5 hours**
A series of directed intermediate and advanced studies in weaving theory, spinning, and dyeing.
- 470, 471, 472, 473, 474. POTTERY. 5 hours**
A sequence of directed studies of advanced ceramic techniques will be studied which will include the following: production techniques as well as forms of individual expression, clay and glaze formulating, various methods of kiln firing and kiln construction.
- 480, 481, 482, 483. PHOTOGRAPHY. 5 hours**
A sequence of directed studies in photographic design and film design.
- 490. SEMINAR AND EXHIBITION 1 hour**
A fundamental part of Art 490 is the senior exhibit which art majors present during the last year of matriculation at North Georgia College. Portfolio development of art work and slides is completed. Attendance to workshops, guest artists' lectures, field trips and critiques will be involved.
- 491. PROBLEMS IN ART. 5 hours**
Offered to seniors who wish to do special directed studies in art of an advanced nature. Permission from the Head of the Fine Arts Department is required.

COURSES IN MUSIC

- 100. THEORY: ELEMENTARY. 3 hours**
An introduction to the fundamental aspects of musical understanding. Classroom instruction consists of writing, singing, and listening to music. Topics include notation, tonality, melody, rhythm, and chord structure.
- 101. THEORY: ELEMENTARY. 3 hours**
Continuation of 100. New topics include harmonic progression, and non-chord tones.

- 102. THEORY: ELEMENTARY 3 hours**
Continuation of 101. New topics include analysis and part writing of seventh chords.
- 117. CLASS VOICE. 1 hour**
A course designed for the student who has had no formal instruction in voice. Voice production and diction are studied through the use of unison and solo song material.
- 118. CLASS PIANO: ELEMENTARY. 1 hour**
Piano for non-music majors who have had little or no previous instruction. Emphasis will be on music reading, rhythmic skill and basic keyboard technique.
- 119. CLASS PIANO: INTERMEDIATE. 1 hour**
Piano for non-music majors who have at least 2 years of piano study. Emphasis will be on performance of both solo and ensemble literature.
- *160, 161, 162. APPLIED MUSIC SERIES. 1 hour**
- *163, 164, 165. APPLIED MUSIC SERIES. 2 hours**
Private instruction with instruments listed below. A code letter for each instrument will follow the first three digits.
- | | | |
|--------------|--------------|----------------|
| A — Vocal | C — Brass | E — Percussion |
| B — Keyboard | D — Woodwind | F — Strings |
- *180. ACCOMPANYING. 1 hour**
Techniques for vocal and instrumental accompanying and accompanying in class.
- 185. SEMINARS IN MUSIC 1 hour**
Accumulative credit quarterly to all music students. Current trends in music and practical application of musical techniques will be discussed and accessed. Attendance to concerts, recitals, lectures and field trips will be involved.
- *190 CHORALE. 1 hour**
Open to all qualified students by audition. The College Chorale ensembles present performances both on and off campus. Emphasis is placed on exploration of various styles of vocal music.
- *191. NGC SINGERS. 1 hour**
Admission by audition. This is a select group of talented musicians who perform both on and off campus. Music performed is selected from all periods of music including contemporary, avant-garde, jazz and pop.
- *192. NGC PATRIOTS. 1 hour**
Male military Chorus open to all ROTC Cadets by audition. Emphasis is placed on exploration of all styles of vocal music especially suited for male voices.
- *193. WOMEN'S CHORUS. 1 hour**
Open to female students by audition. Emphasis is placed on exploration of all styles of vocal music especially suited for women's voices.

COURSES OF STUDY

- *195. JAZZ BAND. 1 hour**
 Membership in the jazz band is open to all qualified students by audition. Music will range from big-band to dixieland jazz and contemporary music. Various ensembles will be organized to meet the needs of students enrolled.
- *196. GOLDEN EAGLE BAND. 1 hour**
 The official instrumental ensemble of the North Georgia College Corps of Cadets, the Golden Eagles perform at college ceremonies and functions. The unit regularly marches in parades and attends festivals throughout the Southeast. Programs include traditional marches, as well as jazz and big-band arrangements in concerts performed on and off the campus. The band is open to all qualified students by audition.
- *197. COLLEGE-COMMUNITY ORCHESTRA & CHORUS. 1 hour**
 Participation is open to all students, faculty, staff and community by audition. The group will present performances of major choral and/or orchestral literature.
- 200. THEORY: INTERMEDIATE. 3 hours**
 Continuation of 102; Secondary dominant chords and inversions, sight-singing and dictation.
- 201. THEORY: INTERMEDIATE. 3 hours**
 Continuation of 200; Altered chords, sight-singing and dictation.
- 202. THEORY: ADVANCED. 3 hours**
 Continuation of 201; Chromatic harmony, modulation and contemporary harmonic techniques.
- 204. KEYBOARD HARMONY. 2 hours**
 Prerequisite: Completion of piano proficiency test. Techniques for the realization of harmonic accompaniment at the piano.
- 221. PERCUSSION TECHNIQUES. 2 hours**
 Theory and practice in performance on the common percussion instruments.
- 222. WOODWIND INSTRUMENTS. 2 hours**
 Theory and practice in performance on the single and double reed instruments.
- 223. BRASSWIND INSTRUMENTS. 2 hours**
 Theory and practice in performance on the brasswind instruments.
- 224. STRING INSTRUMENTS. 2 hours**
 Theory and practice in performance with string instruments.
- *260, 261, 262. APPLIED MUSIC SERIES. 1 hour**

*263, 264, 265.	APPLIED MUSIC SERIES. A continuation of private instruction.	2 hours
301.	COUNTERPOINT. Prerequisite: Music 202. The study and composition of Eighteenth Century contrapuntal genres.	3 hours
302.	FORM AND ANALYSIS. Prerequisite: Music 202. Basic principles for the analysis of musical forms.	3 hours
303.	ORCHESTRATION AND ARRANGING. Prerequisite: Music 202. Transcription of musical examples from one genre to another including the adaption of musical styles.	3 hours
306.	MUSIC FOR THE ELEMENTARY GRADES. A course designed to develop in teachers an understanding of child growth through music. Music theory, materials, methods, and problems pertaining to the teaching of music in the elementary school are studied.	5 hours
311.	TEACHING AND SUPERVISION OF ELEMENTARY SCHOOL MUSIC. The teaching and supervision of music in the schools.	3 hours
312.	INSTRUMENTAL AND CHORAL METHODS IN HIGH SCHOOL. This course considers the organization and administration of performing groups commonly found in the high school.	3 hours
321.	CONDUCTING. Basic conducting techniques and score reading for choral and instrumental music.	2 hours
322.	ADVANCED CONDUCTING. Specialized techniques for conducting instrumental music.	2 hours
323.	ADVANCED CONDUCTING. Specialized techniques for conducting choral music.	2 hours
350.	HISTORY OF MUSIC. A survey of history of music from ancient times to 1600. Designed to acquaint the student with music literature within an historical perspective.	3 hours
351.	HISTORY OF MUSIC. Music History from 1600 to 1800.	3 hours
352.	HISTORY OF MUSIC. Music History from 1800 to Present.	3 hours
355.	RELIGIOUS MUSIC A course designed with an in-depth study of traditional and contemporary religious music and its effect on music literature.	3 hours

*360, 361, 362. APPLIED MUSIC SERIES.	1 hour
*363, 364, 365. APPLIED MUSIC SERIES. A continuation of private instruction.	2 hours
440. KEYBOARD LITERATURE. A survey of compositions for harpsichord and piano from the Renaissance to the present as well as stylistic and formal analysis of representative works.	5 hours
*460, 461, 462. APPLIED MUSIC SERIES.	1 hour
*463, 464, 465. APPLIED MUSIC SERIES. A continuation of private instruction.	2 hours
470. PIANO PEDAGOGY. Materials and methods for teaching elementary and intermediate piano as well as directed teaching.	5 hours
490. PROBLEMS IN MUSIC. Directed studies in music of an advanced nature, such as senior recitals and performances.	1-5 hours

*NOTE: Students may earn accumulative quarter hours credit in accompanying, applied music or ensembles. However, non-music majors may not apply more than six quarter hours credit toward graduation requirements.

COURSES IN EDUCATION FOR ART AND MUSIC EDUCATION MAJORS

311d. ART EDUCATION CURRICULUM. (See courses in Education.)	5 hours
311e. MUSIC EDUCATION CURRICULUM. (See courses in Education.)	5 hours
421d. MATERIALS AND METHODS FOR ART EDUCATION. (See courses in Education.)	5 hours
421e. MATERIALS AND METHODS FOR MUSIC EDUCATION. (See courses in Education.)	5 hours
431d. STUDENT TEACHING IN ART. (See courses in Education.)	15 hours
431e. STUDENT TEACHING IN MUSIC. (See courses in Education.)	15 hours

COURSES IN SPEECH

211. PUBLIC SPEECH COMMUNICATION. Prerequisite: English 101, 102. A course designed to help the speaker achieve methods of speaking before an audience which are natural, correct, and effective.	5 hours
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- 214. INTERPERSONAL SPEECH COMMUNICATION. 5 hours**
Prerequisite: English 101, 102. Techniques and practical applications to achieve the effective communication of ideas in interpersonal situations.

COURSES IN THEATRE

- 101, 102, 103. APPIED THEATRE. 1 hour**
Assignments in the actual rehearsal production and peformance of plays as a part of the NGC Theatre Studio.

- 115. FUNDAMENTALS OF ACTING. 5 hours**
A survey of the combined elements of theatrical production with emphasis on the actor.

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

William G. Roughead, Department Head

ADMISSION REQUIREMENTS

Upon or after admission to North Georgia College, any student who requests to major in one of the departmental programs will be assigned a departmental advisor.

Upon request, after 75 quarter hours have been earned, a student will be accepted as a candidate for a degree in

- A. Mathematics, if the student has:
 - 1. Passed the Regents' Test.
 - 2. Earned a C or better in each of Math 119, Math 120, Math 245.
 - 3. Earned an overall institutional GPA of 2.0 or above.
- B. Mathematics Education, if the student has:
 - 1. Been accepted by the teacher education program. (See Dept. of Education section.)
 - 2. Earned a C or better in each of Math 119, Math 120, Math 245.
- C. Computer Science, if the student has:
 - 1. Passed the Regents' Test.
 - 2. Earned a C or better in each of Math 119, Math 120, and CPSC 250.
 - 3. Earned an overall institutional GPA of 2.0 or above.
- D. Dual Degree Requirements. (See p. 138.)

Students who have not met the above criteria, will be assigned a new advisor by the registrar and reclassified as "undeclared majors" or given another major of their choice.

If deficiencies are made up, a student may apply to the head of the department and will be reclassified as a candidate for a degree in the chosen area.

Upon earning 135 quarter hours or more, the candidate and advisor will jointly submit a plan of study to the head of the department for approval. This plan will show all work to be completed prior to graduation. The work proposed must meet all published standards for a degree in the major area.

The plan of study will be reviewed by the head of the department of the major and of the minor and by the registrar. When all parties accept the plan and the plan has been accomplished, a degree will be awarded.

RETENTION POLICY

Majors in Mathematics Education should see the requirements listed in the Department of Education section of the catalog.

Once accepted as a candidate for a degree in mathematics or computer science, failure to:

- 1) Maintain a 2.0 average in the major **or**
- 2) Maintain an overall average of 2.0

will cause the status of candidate for a degree in the major area to be dropped.

If dropped from candidacy, the student may reapply for admission through the department retention committee when deficiencies are removed. The committee will consist of three members of the faculty who teach in the area of the major and who are selected by a departmental vote.

MAJOR IN MATHEMATICS

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119, 120	10
Course(s) from English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Appropriate Modern Language course	0-5	Biology 105-106	
		Chemistry 121-122	
		Physics 223-224; or 223-225	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Mathematics 245, 246, 247	15
100-200 Level History Courses	5-10	Foreign Language	5-10
Courses from	5-10	Courses from Computer Science 120, 211, 220, 225, 230, 235, 250, 251	5-10
Anthrology 100			
Business Admin. 221, 222			
Psychology 101, 205			
Sociology 100			
MATHEMATICS MAJOR			
Math 300, 340, 360, 365, 410			25
Three courses from Math 350, 355, 415, 416, 431, 450, 460			15
COURSES IN THE MINOR			
Under the direction of the major advisor, the student will select a departmental minor.			minimum — 20
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
MODERN LANGUAGE REQUIREMENTS (see Area IV above)			
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

MAJOR IN MATHEMATICS — SECONDARY EDUCATION*

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119, 120	10
Two courses from English 203, 204, 205, 206, 207	10	Sciences:	10
		A 10-hour sequence of courses	
		Biology 105-106	
		Chemistry 121-122	
		Physics 223-224; or 223-225	

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Mathematics 245, 246, 247	15
History 100, 251, 252, or 253	5	Computer Science 120 and 138	5
Additional 100-200 level History courses	5	Business Administration 221, 222 or a 10 hour sequence in foreign language	10
Psychology 101	5		
MATHEMATICS MAJOR			
Mathematics 240, 312, 360, 365			20
Additional 300-400 level Math courses			15
PROFESSIONAL EDUCATIONAL SEQUENCE			
Education 204			5
Education 305, 311c, 421c and 431c			30
Special Education 360			5
OTHER REQUIREMENTS			
Physical Education 390			5
Physical Education 420 or 309			1-5
ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
MODERN LANGUAGE REQUIREMENTS (see Area IV above)			
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT			

*All bachelor degree programs in teacher education leading to state certification are also subject to degree requirements listed in the Department of Education section of this catalog.

MAJOR IN COMPUTER SCIENCE

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119-120	10
Course from English 203, 204, 205, 206, 207	5	Science	10
Modern Language 201	5	(one ten-hour sequence) Physics 223-224, or 223-225 Biology 105-106 Chemistry 121-122	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR	HOURS CREDIT
Political Science 101	5	Mathematics 245, 246	10
History 100, 251, 252, or 253	5	Computer Science 250, 251, 253	15
Courses from Business Admin. 221, 222 Psychology 101, 205 Sociology 100 100-200 level History courses	10	Business Admin. 231	5

COMPUTER SCIENCE MAJOR

Computer Science 252, 351, 352, 353	20
Choose from Computer Science 120, 211, 220, 225, 230, 354, 361, 362, 390, 410, 420, 430, 440, 445, 450, 490, Physics 376	20

OTHER REQUIREMENTS

Mathematics 350	5
Mathematics 365 and/or Mathematics 355	5-10
Mathematics 240 or Mathematics 340	5
Complete one of the following concentrations:	

1. A concentration in Business Administration consisting of Business Administration 221, 222, 231, 232 and any Business Administration course including 331 and above **or**
2. A Physics concentration consisting of Mathematics 355, and 10 Quarter Hours chosen from Physics 340, 345, and 350.

COURSES IN MINOR

Under the direction of the major advisor, the student will choose a minor 20 hrs. minimum

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

MODERN LANGUAGE REQUIREMENTS
(ten hours of Modern Language courses)

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

DUAL DEGREE PROGRAM

MATHEMATICS/ENGINEERING

MATHEMATICS/COMPUTER SCIENCE

Dual Degree Programs are offered in Mathematics/Engineering with Clemson University and Georgia Tech and in Mathematics/Computer Science with Georgia Tech. Students are provided the opportunity to attend North Georgia College for approximately three years before embarking on professional academic work at Georgia Tech or Clemson.

After completing the academic requirements of both institutions, the student shall receive a Bachelor's Degree in Mathematics from North Georgia College and a Bachelor's Degree in a chosen Engineering field or Computer Science from the second institution.

Dual Degree students from North Georgia who work toward a Bachelor of Science Degree in Mathematics are eligible to seek any of the following second degrees:

From Georgia Tech:

Bachelor of Science in Information and Computer Science
Bachelor of Aerospace Engineering
Bachelor of Ceramic Engineering
Bachelor of Chemical Engineering
Bachelor of Civil Engineering
Bachelor of Electrical Engineering
Bachelor of Engineering Economic Systems
Bachelor of Engineering Science
Bachelor of Industrial Engineering
Bachelor of Mechanical Engineering
Bachelor of Nuclear Engineering
Bachelor of Textile Engineering

From Clemson University:

Bachelor of Agricultural Engineering
 Bachelor of Ceramic Engineering
 Bachelor of Civil Engineering
 Bachelor of Computer Engineering
 Bachelor of Electrical Engineering
 Bachelor of Engineering Analysis
 Bachelor of Mechanical Engineering

DUAL DEGREE REQUIREMENTS

1. Complete 142-145 quarter hours at North Georgia College as outlined below (exclusive of Military Science and Physical Education courses).
2. Obtain recommendation of Dual Degree Coordinator at North Georgia College.
3. Maintain a college grade point average and specified test results which would indicate that the student could satisfactorily complete the degree requirements at the second institution.
4. Complete a program at the second institution which equals the number of credit hours required of normal juniors and seniors enrolled in the standard curriculum for the degree being sought.
5. If the official study program at the second institution includes electives and the candidate has excessive hours at North Georgia College, he may petition that these excess hours be used as transfer credits. Such transfer credit shall not amount to more than one half of the official study program at the second institution.

DUAL DEGREE PROGRAM — MATHEMATICS/COMPUTER SCIENCE

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119, 120	10
Courses from English 203, 204, 205, 206, 207	5	Chemistry 121-122 or Biology 105-106	10
Modern Language 201	5		
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Mathematics 245, 246, 247	15
Psychology 101	5	Physics 223, 224, 225	15
Business Admin. 221	5		
History 100	5		

The 145 hours at North Georgia College should include Physics 230, 240, 310, Mathematics 300, 340, 360, 365, 410; Computer Science 250, 251 and Business Administration 222.

DUAL DEGREE MATHEMATICS/ENGINEERING

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119, 120	10
Courses from English 203, 204, 205, 206, 207	10	Chemistry 121, 122	10

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Mathematics 245, 246, 247	15
History 100	5	Physics 223, 224, 225	15
Courses from Business Admin. 221, 222, Psychology 101, 205, Sociology 100	10		

The 142 hours at North Georgia College should include Physics 230, 240, 310, 375-6-7, Math 300, 340, 360, 365, 410; five hours additional 300-400 level Mathematics Courses; four hours of approved courses in Computer Science.

MINOR IN COMPUTER SCIENCE

A minor in computer science consists of Computer Science 250, 253, exactly one of Computer Science 235 or 251, at least one of Computer Science 351 and 352, and additional hours selected from Computer Science 120, 211, 220, 225, 230, 252, 300-400 level Computer Science courses, and Physics 350 for a total of 25 or more Quarter Hours.

MINOR IN MATHEMATICS

A minor in mathematics consists of Mathematics 245, 246, 247, and two approved 300-400 level courses in Mathematics for a total of 25 or more Quarter Hours.

COURSES IN MATHEMATICS AND COMPUTER SCIENCE

All 100 and 200 level mathematics courses listed have a minimum prerequisite of Algebra II or equivalent developmental studies.

- | | | |
|-------------|---|----------------|
| 101. | FINITE MATHEMATICS I.
Finite mathematics with applications. Topics include fundamental algebra, polynomial and rational models, matrices, sets, counting, probability, and mathematics of finance. | 5 hours |
| 102. | FINITE MATHEMATICS II.
Prerequisite: Math 101 or approval of department head. Topics include linear systems and linear programming, statistics and Markov chains. | 5 hours |
| 119. | PRECALCULUS MATHEMATICS I.
Topics include real and complex numbers, relations and functions, graph sketching, systems of equations and inequalities, matrices and determinants, sequences, mathematical induction, counting methods, binomial theorem. | 5 hours |
| 120. | PRECALCULUS MATHEMATICS II.
Prerequisite: Math 119 or approval of department head. Topics include exponential and logarithmic functions, the circular functions, trigonometric identities, applications of trigonometry, polynomial and rational functions. | 5 hours |
| 202. | BRIEF CALCULUS.
Prerequisite: Math 101 or Math 119 or approval of the department head. This course is intended for majors in business and others for whom the usual calculus sequence is not required. It will develop familiarity with such concepts as limits, the derivative, the definite integral, the indefinite integral and their applications. | 5 hours |

- 240. ELEMENTARY STATISTICS. 5 hours**
Prerequisite: Five hours of college mathematics. A noncalculus introduction to randomness, measures of central tendency, measures of dispersion, the binomial distribution, the normal distribution, confidence intervals, hypothesis testing, linear regression and correlation.
- *245. CALCULUS I. 5 hours**
Prerequisite: Mathematics 119 and 120. An introduction to differential and integral calculus with applications. Emphasis is on differentiation and integration of algebraic functions.
- *246. CALCULUS II. 5 hours**
This course is a continuation of Mathematics 245, and includes transcendental functions, indeterminate forms, formal integration, vector algebra, integration by various devices, and applications to areas, lengths, and volumes.
- 247. CALCULUS III. 5 hours**
This course is a continuation of Mathematics 246 and includes vectors, infinite series, expansion of functions, partial differentiation, and multiple integrals.
- *300. DIFFERENTIAL EQUATIONS. 5 hours**
Prerequisite: Math 246. An introductory course in ordinary differential equations with emphasis upon linear differential equations of the first and second orders.
- 310. INTRODUCTION TO MATHEMATICS FOR ELEMENTARY AND JUNIOR HIGH TEACHERS I. 5 hours**
Prerequisites: Math 101 and junior or senior standing. This course promotes facilities in the concepts, structure, and style of mathematics studied and taught in the elementary school with emphasis on the arithmetic strands.
- 311. INTRODUCTION TO MATHEMATICS FOR ELEMENTARY AND JUNIOR HIGH TEACHERS II. 5 hours**
Prerequisite: Math 101 and junior and senior standing. This course promotes facilities with the concepts, structure, and style of mathematics, studied and taught in the elementary school with emphasis on the geometric strands.
- 312. GEOMETRY FOR TEACHERS. 5 hours**
Prerequisite: Math 246 or permission of department head. Designed to prepare the student to teach modern secondary-school geometry. It includes Euclidean and non-Euclidean geometries.
- 340. PROBABILITY AND STATISTICS. 5 hours**
Prerequisite: Math 246. A calculus-based introduction to probability distributions and statistical inference. Topics will include probability distributions, expectations, hypothesis testing, and estimation procedures.

*It is recommended that a student obtain a C or above in any prerequisite before taking this course.

- 350. INTRODUCTION TO DISCRETE MATHEMATICS 5 hours**
An introductory course in discrete mathematics emphasizing the formulation and solution of problems which are discrete in nature. Topics include logic, sets, relations, combinatorial methods, recurrence relations, graphs and networks, directed graphs, Boolean algebras, and finite state machines.
- *355. NUMERICAL ANALYSIS. 5 hours**
Prerequisite: Math 246. A course in numerical solutions to problems in mathematics: roots of non-linear equations, zeros of polynomials, interpolation, systems of linear algebraic equations, quadrature, ordinary differential equations with analysis of methods and errors; and programming of methods on a computer.
- 360. INTRODUCTION TO ABSTRACT ALGEBRA. 5 Hours**
Prerequisite: Math 246 or approval of department head. A formal introduction to the algebra of groups, rings, and fields.
- 365. AN INTRODUCTION TO LINEAR ALGEBRA. 5 hours**
Prerequisite: Math 246 or approval of department head. An introduction to the basic concepts of linear algebra. Topics include finite dimensional vector spaces, bases, linear transformations, and matrices.
- 410. MATHEMATICAL ANALYSIS I. 5 hours**
Prerequisite: Math 246. An introduction to the real number system, the basic notions of set theory, limit concept and continuity, and the foundations of the differential and integral calculus of one variable.
- *415. ELEMENTARY VECTOR ANALYSIS 5 hours**
Offered in even-numbered years. Prerequisite: Math 247 or the approval of the department head. The elements of vector algebra and vector calculus.
- *416. ORTHOGONAL FUNCTIONS AND BOUNDARY VALUE PROBLEMS. 5 hours**
Prerequisite: Math 247 and 300; or approval of the department head. A study of fourier series and integrals. Sturm-Liouville systems, applications to solution of partial differential equations with boundary conditions.
- 431. THEORY OF NUMBERS. 5 hours**
Prerequisite: Math 246. A study of elementary problems in number theory with topics from divisibility, congruences, residues, special functions, Diophantine equations, continued fractions.
- 450. COMPUTER APPLICATIONS IN OPERATIONS RESEARCH. 5 hours**
Prerequisites: Math 240 or Math 340 or Business Administration 352, and programming ability in one high-level language. A study of various research problem solving techniques. Topics will be selected from the following: linear programming, network analysis theory, queueing theory, inventory theory, and simulation. Students will use computer programs throughout the course to solve problems discussed in class.

*It is recommended that a student obtain a C or above in any prerequisite before taking these courses.

- 460. MATHEMATICAL MODELS. 5 hours**
 Prerequisites: Math 240 or 340, and Math 246, or approval of department head.
 A study of various mathematical models, with emphasis on problems from the managerial, social, and biological sciences. Topics will be selected from the following: graph theory, matrix algebra, probability, combinatorial theory, mathematical programming, calculus-based models.
- 470. HISTORY OF MATHEMATICS. 5 hours**
 Prerequisite: Math 246 or approval of department head. A survey of the historical development of mathematics with emphasis on topics for secondary teachers.
- 490. INDEPENDENT STUDY. 1-5 hours**
 Independent reading and study under the direction of the staff of the department covering selected topics not normally discussed in major course work.

COURSES IN COMPUTER SCIENCE

- 120. INTRODUCTION TO BASIC. 2 hours**
 Prerequisite: Two years of high school algebra or five hours of college level mathematics. Organization and characteristics of digital computers; description and use of BASIC programming language; development of algorithms and programs for elementary problems.
- 130. COMPUTER IN SOCIETY: USES AND INFLUENCES. 3 hours**
 Credit not applicable toward a computer science major or minor. An introduction to computers, including their uses in and impact on modern society, with emphasis on applications in various areas. Topics will include the evolution of computers, modern systems, input and output devices, types of programming languages, software package, microcomputers.
- 138. COMPUTERS IN EDUCATION. 3 hours**
 Credit not applicable toward a computer science major or minor. An introductory course in computers and computing for teacher education majors at all levels. The course will include an overview of the role of the microcomputer in education, problem solving applications using LOGO, and hands-on experience involving software materials in computer-assisted instruction and computer-managed instruction.
- 211. EXTENDED BASIC. 1 hour**
 Prerequisite: Computer Science 120 or Business Administration 251. A programming course which includes special topics in BASIC Programming not covered in Computer Science 120, such as matrix operations and various system-dependence extensions of BASIC.
- 220. MICROCOMPUTER PROGRAMMING. 2 hours**
 Prerequisite: Computer Science 120 or Business Administration 251. An indepth study of micro and personal computers with emphasis on features not available in time sharing on larger computers. Topics will include graphics, file capabilities, monitor, subroutines, memory organization, and input/output unique to a small computer.

- 225. INTRODUCTION TO FORTRAN. 3 hours**
Prerequisite: Five hours of college mathematics. A study of the syntax and semantics of the FORTRAN programming language as implemented on available computers; programming of numerical-oriented problems.
- 230. ASSEMBLY LANGUAGE FOR MICROPROCESSORS 3 hours**
Prerequisite: four hours of computer science or Business Administration 251. Microcomputer organization, machine language programming and assembly systems for the 6502 microprocessor, instruction set, symbolic codings, subroutine linkage, addressing modes, and graphics procedures.
- 235. INTRODUCTION TO COBOL 3 hours**
Prerequisite: CpSc 120 or Business Administration 251. A study of the syntax and data manipulative capabilities of the COBOL programming language as implemented on available computers; file structure organization and processing; programs in business-oriented area.
- 250. PRINCIPLES OF COMPUTER PROGRAMMING I 5 hours**
Prerequisite: 10 hours of college level mathematics with grade of C or above in each course. Introduction to problem-solving methods which will lead to correct, well-structured algorithms and programs. The design, coding, debugging, and documentation of well-structured programs will be emphasized. The fundamentals of computer system organization, information presentation, and data organization will be covered. The syntax of PASCAL programming language will be taught.
- 251. FILE PROCESSING. 5 hours**
Prerequisite: C or above in Computer Science 250. The creation, use, and modification of sequential-access and random-access data files will be taught with continued emphasis on the design, implementation, testing, and documentation skills begun in Computer Science 250. Representation of data and report preparation topics will be covered. the COBOL language will be used in accomplishing these objectives.
- 252. ASSEMBLY LANGUAGE PROGRAMMING. 5 hours**
Prerequisite: CpSc 251. Introduction to computer organization, machine-language programming and assembly systems; addressing techniques, digital representation of data, mnemonics for machine instructions, registers, macros, input/output, subroutine and program segmentation will be covered.
- 253. PRINCIPLES OF COMPUTER PROGRAMMING II. 5 hours**
Prerequisite: A C or above in CpSc 250. A continuation of CpSc 250.
- 351. COMPUTER ORGANIZATION. 5 hours**
Prerequisites: CpSc 250; and 251 or 235. Hardware and software components of computer systems; topics include system architecture, input/output, interrupts, storage devices, virtual memory, segmentation, paging, multiprogramming, multiprocessing, realtime systems, supervisory systems.
- 352. DATA STRUCTURES. 5 hours**
Prerequisites: CpSc 250; 251 or 235. A study of data storage methods on a computer. Topics covered include addressing structures, symbol table techniques, algorithms for the storage and manipulation of arrays, trees, strings, and lists; sorting, searching and file structures

- 353. OPERATING SYSTEMS AND COMPUTER ARCHITECTURE. 5 hours**
Prerequisite: CpSc 251. Comprehensive study of the structure and implementation of computer operating systems for a spectrum varying from microcomputers to large time-sharing systems; the attributes of computer architecture as related to operating systems.
- 354. PROGRAMMING LANGUAGES. 5 hours**
Prerequisite: CpSc 251. Instruction in the organization of programming languages through the study of constructs of various languages on the computer. Data Types, control structures, interpretative languages, and parsing will be studied. Programming assignments in several languages will be conducted to illustrate their features.
- 361. SYSTEMS ANALYSIS AND DESIGN. 5 hours**
Prerequisite: CpSc 251. The study of system analysis techniques, requirements of the system, development of the design, cost/effectiveness of the system.
- 362. COMPUTER MODELS. 5 hours**
Prerequisite: Knowledge of two computer languages; Math 246. The development of techniques used to model physical and mathematical situations on the computer.
- 363. BUSINESS USES OF THE MICROCOMPUTER. 1 hour**
Prerequisite: CpSc 120 or BAdm 251. The use of available microcomputer programs in various areas of business: electronic spreadsheets; graphics, word processing, data base management.
- 390. SELECTED TOPICS. 1-5 hours**
Prerequisite: Permission of instructor. Modern concepts in special areas of computer science. May be repeated for credit.
- 410. DATABASE MANAGEMENT SYSTEMS. 5 hours**
Prerequisite: CpSc 352 or approval of the department head. The concepts and structures necessary to design and implement a data base management system. Physical file organization and data organization techniques, index organization, inverted files, query functions and file security will be covered.
- 420. MICROCOMPUTERS 5 hours**
Prerequisites: CpSc 251 and CpSc 120. Features and characteristics of a widely used microcomputer. High-level programming and assembly language programming for the 8088 microprocessor as well as interconnections between them to accomplish various features; the system of interrupts, ports, peripheral input/output and memory-mapped output.
- 430. COMPLIER CONSTRUCTION. 5 hours**
Prerequisite: CpSc 251 or approval of department head. A study of the techniques used in the construction of compliers and interpreters.
- 440. DATA COMMUNICATIONS 5 hours**
Prerequisite: CpSc 251. Comprehensive introduction to computer telecommunications, including data codes, communication media, terminal device types, and common carrier services, with special emphasis on protocols and software requirements for system design.

- 445. ARTIFICIAL INTELLIGENCE. 5 hours**
Prerequisite: CpSC 251. An introduction to the tools, techniques, and applications of artificial intelligence. Cognitive modeling, natural language processing and robotics.
- 450. COMPUTER APPLICATIONS IN OPERATIONS RESEARCH 5 hours**
Prerequisites: Math 240 or Math 340 or BAdm 352, and programming ability in one high-level language. A study of various research problem solving techniques. Topics will be selected from the following: linear programming, network analysis theory, queueing theory, inventory theory, and simulation. Students will use computer programs throughout the course to solve problems discussed in class.
- 490. INDEPENDENT STUDY. 1-5 hours**
Independent study under the direction of the staff. Normally, topics covered will include areas not regularly offered as part of the program.

COURSE IN METEOROLOGY

- 301. METEOROLOGY 5 hours**
A basic course designed to acquaint the student with the fundamental concepts of meteorology and its relation to other fields of interest. Mathematics will be used when it seems essential to the complete understanding of a concept. Included are such topics as air masses and fronts, cloud classification, precipitation mechanisms, weather observations, fundamental forecasting theories, and interpretation of weather charts and diagrams.

DEPARTMENT OF MILITARY SCIENCE

Colonel Gerald Lord, Department Head

GENERAL INFORMATION

Military Science courses conform to the subject requirements of the Senior Division Reserve Officer Training Corps (ROTC) program established by Department of the Army. The objectives of the ROTC program are to attract, motivate, and prepare selected students with high potential to serve as commissioned officers in the Regular Army or the US Army Reserve. In addition to providing courses required to earn a commission through the ROTC program, military science instruction and associated activities have the aim for all students of developing leadership and managerial potential, providing an understanding of the requirements and organization for national security, and instilling a strong sense of personal integrity and individual responsibility.

Additional information concerning the total military program at North Georgia College is provided in the General Information Section of this catalog.

COURSE STRUCTURE

Military Science courses are grouped into basic course ROTC subjects and advanced course ROTC topics. The basic course is comprised of Military Science I (MS I) and MS II courses in the 100 and 200 series, which require two classroom hours per week. The advanced course is comprised of MS III and MS IV courses in the 300 and 400 series, which require three classroom hours per week.

Leadership laboratory periods, an integral part of military science instruction in addition to the classroom work, will be held for special training and applied leadership experience. Occasional ceremonies, consisting of Parades or Reviews, highlight the presentation of awards or the honoring of a distinguished guest.

REQUIREMENTS FOR COMMISSIONING

The U.S. Army has established the Military Qualification Standards (MQS) Program, which requires every cadet competing for a commission to complete academic courses in three fields of study: Written Communications Skills, Human Behavior, and Military History.

These are in addition to completion of the ROTC basic course, advanced course, Advanced Camp, and MS 470 Military Professional Ethics (1 hour). The written communications and human behavior requirements can normally be met by completion of core curriculum courses. The military history requirement can only be satisfied by taking an approved military history course offered by the History Department. Cadets must coordinate with a Military Department advisor to insure satisfactory completion of the fields of study requirements.

MINOR IN MILITARY SCIENCE

The minor in Military Science is designed specifically for those individuals who are planning a career in the U.S. Army as commissioned officers. This minor may not be used as a substitute for any minor required by a student's academic major and cannot be considered as a student's "area of concentration". The military minor will be considered as a second minor.

Since it is a second minor and requires courses from several different academic disciplines, it is allowable to count courses required for completion of the student's academic major or minor toward completion of the Military Science minor.

Requirements for award of the minor in Military Science are:

1. Be accepted into the program by the PMS.
2. Complete courses required for major.
3. Successfully complete the ROTC Advance Course of Instruction. (12 hours)
4. Successfully complete the ROTC Advanced Camp.
5. Successfully complete MS 470 - Military Professional Ethics. (1 hour)
6. Successfully complete one of the following courses (5 hours):
 - ENGL 250 — Introduction to Technical and Professional Writing
 - ENGL 350 — Advanced Composition
 - BADM 261 — Business Communications
 - SPCH 211 — Speech
 - ENGL 307 — Advanced English Grammar
 - SPCH 214 — Creative Speech Communications
7. Successfully complete two courses from the following areas. Only one course may be chosen from any area (10 hours).
 - Area I — Human Behavior
 - *PSYH 320 — Psychology of Leadership
 - PSYH 362 — Industrial/Organizational Psychology
 - PSYH 315 — Social Psychology
 - Area II — Military History
 - *HIST 375 — History of Western Warfare
 - HIST 310 — Twentieth Century, II
 - HIST 321 — Russian History Since 1905
 - HIST 309 — Twentieth Century, I
 - Area III — Management
 - BADM 361 — Principles of Management
 - BADM 465 — Personnel Management
 - BADM 455 — Production Management
 - BADM 352 — Quantitative Methods II - Statistical Analysis for Business
 - Area IV — National Security Studies
 - *PLSI 303 — International Relations
 - PLSI 406 — Soviet Foreign Policy
 - PLSI 401 — Comparative Government
 - PLSI 402 — Twentieth Century Political Thought
 - BADM 427 — International Trade
 - *HIST 477 — Studies in National Defense and National Security

*Preferred Course

COURSES IN MILITARY SCIENCE

COURSE REQUIREMENTS

All members of the Corps of Cadets must be enrolled each quarter in Military Science classes unless exempted for cause upon recommendation of the Professor of Military Science and approval of the Vice President for Academic Affairs. Cadets are required to enroll for the military science course appropriate to their progression toward completing degree and commissioning requirements (see Requirements for Commissioning). Students may receive advanced placement in military science for prior military service or ROTC instruction. Women students and commuting male students may enroll in ROTC courses.

FIRST YEAR — BASIC COURSE — MS I

- 100. MILITARY ACTIVITIES. 1 hour**
An introductory course designed to acquaint the student with general military subjects. Instruction includes a survey of the organization and role of the US Army, Army Reserve, and National Guard; history, features, and benefits of the Army ROTC program; customs and traditions of the service; and first aid.
- 101. SELECTED STUDIES IN CONFLICT/MILITARY HISTORY. 1 hour**
A survey of American military history from 1775 to the present with emphasis on selected campaigns which relate the principles of war, tactics and strategy.
- 102. INTRODUCTION TO METHODS OF INSTRUCTION 1 hour**
Students learn the procedures involved in planning and presenting military instruction. An understanding of fundamentals is developed by examining the stages of instruction, speech techniques, use of training aids, and preparation of lesson plans.

SECOND YEAR — BASIC COURSE — MS II

- 201. MAP READING AND LAND NAVIGATION. 1 hour**
A course designed to familiarize the student with the principles of map construction and usage. Instruction includes military and topographic map symbols, reference systems, location, and direction. Emphasis is placed on the ability to accomplish terrain evaluation by map analysis.
- 202. INTRODUCTION TO TACTICAL OPERATIONS. 1 hour**
A course designed to introduce the student to small unit ground tactical operations. Emphasis is placed upon the organization, capabilities, and employment of the rifle squad and the construction and issuing of operations orders.
- 203. MILITARY ACTIVITIES. 1 hour**
A performance oriented course, designed to introduce the student to various military skills which potential officers should know. Included is a practical introduction to marksmanship, use of military radios, radio net theory and use of codes and ciphers.

THIRD YEAR — ADVANCED COURSE — MS III

- 300. FUNDAMENTALS OF LEADERSHIP. 2 hours**
A performance oriented program designed to develop students in those skill areas which are important platoon level leadership. After a practical review of map reading, the course focuses on important aspects of leadership through the use of case studies and participatory exercises.
- 301. PLATOON OPERATIONS I. 2 hours**
A study of organization, mission, and capabilities of the light infantry platoon. Combat orders, troop leading procedures, fundamentals of offensive operations, and control measures are examined in detail. The concept of the combined arms team is also introduced.

- 302A. PLATOON OPERATIONS II. 2 hours**
A study of organization, mission, and capabilities of the light infantry platoon. The fundamentals of defensive operations, patrolling, special weapons, and non-conventional tactics are examined in detail.
- 350. INDEPENDENT STUDY. 2 hours**
Prerequisite: Permission of PMS. A supervised research project under the supervision of an instructor. Study project may be selected by the student with approval of the instructor or may be directed. Subject areas will require independent research and analysis concerning military problems or historical examples of significance. May be taken in lieu of or in addition to other Military Science courses with permission of PMS.
- 360. LEADERSHIP ASSESSMENT PROGRAM. 1 hour**
A course designed to familiarize the student with the leadership assessment method and to experience some typical assessment exercises. The student will gain useful insights into their own particular behavior strengths and weaknesses from a military leadership standpoint.

FOURTH YEAR — ADVANCED COURSE — MS IV

- 401. FUNCTIONS OF COMMAND AND STAFF. 2 hours**
A study of command and staff relationships, staff structure and staff functions. The course also covers intra-staff communications and military writing and correspondence procedures.
- 403. MILITARY LAW. 2 hours**
A study of the Uniform Code of Military Justice and its use by the junior officer. Includes non-punitive corrective measures as well as an introduction to the Law of War.
- 405. THE MODERN BATTLEFIELD. 2 hours**
An introduction to tactics on the modern battlefield and the fundamentals of Soviet army operations. Students will also participate in leadership development exercises.
- 450. INDEPENDENT STUDY. 2 hours**
Prerequisite: permission of PMS. A supervised research project under the supervision of an instructor. Study project may be selected by the student with approval of the instructor or may be directed. Subject areas will require independent research and analysis concerning military problems or historical examples of significance. May be taken in lieu of or in addition to other Military Science courses with permission of PMS.
- 470. MILITARY PROFESSIONAL ETHICS. 1 hour**
An introduction to the Profession of Arms, its characteristics, uniqueness, roles, and responsibilities. A basic understanding is gained of the professional soldier's responsibilities to the Army and the Nation; and of ethical decision making skills and abilities and the opportunity to apply them in real world case study situations. The underlying basis for the course is an understanding of the need for ethical conduct and greater awareness and sensitivity to ethical issues.

DEPARTMENT OF MODERN LANGUAGES

W. Guy Oliver, Department Head

MAJOR IN FRENCH

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOUR CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101-102	10
Courses from English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence) Biology 105-106 Chemistry 101-102; or 121-122 Physics 101-102; or 223-224; or 223-225	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	French	10-20
100-200 level History courses	5-15	German or Spanish	15-20
Courses selected from the following: Anthropology 100 Psychology 101-205 Sociology 100 Business Admin. 221, 222	0-10	A course from the 100 or 200 level Anthropology, Economics, Political Science, Psychology	0-5

Students wishing to major in French are required to have a 2.5 average in courses 101-212

FRENCH MAJOR

French 301, 302, 315 and courses from French 350, 410, 411, 412, 415,
417, 418, 419, 495, 496, 497 40

COURSES IN THE MINOR

Under the direction of the department head, the student will select a closely-
related departmental minor. minimum — 20

ELECTIVES (to bring the total number of credit hours to at least
185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

MODERN LANGUAGE REQUIREMENTS

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

STUDY ABROAD: Students are expected to spend at least one quarter in
France or Quebec. All course work taken under this program is fully
accredited at North Georgia College.

MAJOR IN MODERN LANGUAGES — BUSINESS SKILLS

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101-102	10
Courses from English 203, 204, 205 206, 207	10	Sciences: (one ten-hour sequence) Biology 105-106 Chemistry 101-102; or 121-122 Physics 101-102; or 223-224; or 223-225	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	French, German, or Spanish	10-20
100-200 level History courses	5-10	Business Admin. 222	5
Business Admin. 221	5	Courses from 100-200 level History, Political Science, Psychology	0-10
Courses selected from the following: Anthropology 100 Psychology 101, 205 Sociology 100	0-5		

Students wishing to major in French are required to have a 2.5 average in courses 101-212.

COURSES IN FRENCH

French 301, 302, 315, and courses from French 350, 410, 411, 412, 415,
418, 419, 495, 496, 497 40

COURSES IN BUSINESS SKILLS — SECRETARIAL SCIENCE

Business Administration 231, 261, 314, 315, 320, 321, 322 35

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive
of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

MODERN LANGUAGE REQUIREMENTS

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

STUDY ABROAD: Students are expected to spend at least one quarter in
France, Germany, Spain, or Quebec. All course work taken under this program is fully ac-
credited at North Georgia College.

MAJOR IN FRENCH — SECONDARY EDUCATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101-102	10
Courses from English 203, 204, 205, 206, 207	10	Sciences: (one ten-hour sequence) Biology 105-106 Chemistry 101-102; or 121-122 Physics 101-102; or 223-224; or 223-225	10

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	French	10-20
100-200 level History courses	5-15	German or Spanish	15-20
Courses selected from the following:	10	A course from the 100 or 200 level	
Anthropology 100		Anthropology	0-5
Psychology 101, 205		Economics, Political Science,	
Sociology 100		History	
Business Admin. 221, 222			

Students wishing to major in French are required to have a 2.5 average in courses 101-212.

COURSES IN THE MAJOR

French 301, 302, 315 and courses from French 350, 410, 411, 412, 415, 417, 418, 419, 495, 496, 497	40
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OTHER REQUIREMENTS

Fine Arts 252	5
Language Arts 430	5
Physical Education 309, 390	6-10
Special Education 360	5

PROFESSIONAL EDUCATION SEQUENCE

Education 204, 305, 311c, 421c, 431c	35
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ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
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BASIC PHYSICAL EDUCATION REQUIREMENTS	6
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MODERN LANGUAGE REQUIREMENTS: French 211-212.

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

STUDY ABROAD: (Students are expected to spend at least one quarter in France or Quebec. All course work taken under this program is fully accredited at North Georgia College.)

MINOR IN MODERN LANGUAGES

In French, German and Spanish, a minor consists of courses 211-212 plus advanced courses totalling at least 15 credit hours which must include 315.

A minor in Languages consists of 25 hours of language courses at the 200 level or above. No more than 10 hours may be at the 200 level and at least 10 hours must be in the same language.

COURSES IN MODERN LANGUAGES

201.	<p>INTRODUCTION TO LINGUISTICS.</p> <p>Prerequisites: None. An introduction study of descriptive, comparative and historical linguistics. The origins and structure of language are examined, and a brief analysis is made of the various language families. The importance and function of language are stressed and a brief introduction is given to the wider areas of geolinguistics and psycholinguistics.</p>	5 hours
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- 310, 311, 312. INDEPENDENT STUDY. 3, 3, 3 hours**
Independent, individualized courses of study for an introduction into the basics of the following languages:
- | | | |
|------------|----------|-----------|
| a. Arabic | b. Greek | c. Hebrew |
| d. Italian | e. Latin | |

- 320. INDEPENDENT STUDY. 1-5 hours**
Prerequisite: Permission of the department. This course may be taken a maximum of three times in any or each of the languages offered by the Department of Modern Languages.

COURSES IN FRENCH

- 101. ELEMENTARY FRENCH I. 5 hours**
An introduction to French, with basic conversation, reading and grammar, and using the language laboratory. Not credited for duplication of high school units.
- 102. ELEMENTARY FRENCH II. 5 hours**
Prerequisite: French 101. A continuation of Elementary French I. Not credited for duplication of high school units.
- 211. INTERMEDIATE FRENCH I. 5 hours**
Fall, Spring, Quarters.
Prerequisite: French 102 or two years of High School French. Review of grammar with continued conversation and reading.
- 212. INTERMEDIATE FRENCH II. 5 hours**
Winter Quarter.
Prerequisite: French 211. Reading of standard texts with stress on oral expression and comprehension.
- 301. SURVEY OF FRENCH LITERATURE AND CULTURE I. 5 hours**
An introduction to French civilization through the 18th Century. Provides an overview of the chief social, scientific, literary and artistic trends and of the most important figures and events of the period.
- 302. SURVEY OF FRENCH LITERATURE AND CULTURE II. 5 hours**
An introduction to French civilization in the 19th and 20th Centuries. Provides an overview of the chief social, scientific, literary and artistic trends and of the most important figures and events of the period.
- 315. ADVANCED CONVERSATION. 5 hours**
Prerequisite: French 212. Conducted entirely in French to facilitate the development of conversational abilities.
- 350. FRENCH PHONETICS. 3 hours**
An intensive study of pronunciation building fluent expression.
- 410, 411, 412. SELECTED READINGS IN FRENCH. 2, 2, 2 hours**
Prerequisite: Permission of Instructor.

- 415. ADVANCED COMPOSITION AND SYNTAX. 5 hours**
Prerequisite: French 212.
- 417. SURVEY OF SEVENTEENTH CENTURY FRENCH LITERATURE. 5 hours**
Prerequisite: French 212.
- 418. SURVEY OF NINETEENTH CENTURY FRENCH LITERATURE. 5 hours**
Prerequisite: French 212.
- 419. CONTEMPORARY FRENCH LITERATURE. 5 hours**
Prerequisite: French 212.
- 495, 496, 497. STUDY ABROAD. 5, 5, 5 hours**
The study of the French language and culture in a native environment. Designed especially for students in the Study Abroad Program of the University System of Georgia.

COURSES IN GERMAN

- 101. ELEMENTARY GERMAN I. 5 hours**
An introduction to German, with basic conversation, reading and grammar, and using the language laboratory. Not credited for duplication of high school units.
- 102. ELEMENTARY GERMAN II. 5 hours**
Prerequisite: German 101. A continuation of Elementary German I. Not credited for duplication of high school units.
- 211. INTERMEDIATE GERMAN I. 5 hours**
Spring Quarter.
Prerequisite: German 102 or two years of High School German. Review of grammar with continued conversation and reading.
- 212. INTERMEDIATE GERMAN II. 5 hours**
Fall Quarter.
Prerequisite: German 211. Reading of standard texts with stress on oral expression and comprehension.
- 301. SURVEY OF GERMAN LITERATURE AND CULTURE I. 5 hours**
Prerequisite: German 212 or permission of the Department. An introduction to German civilization through the 18th Century. Provides an overview of the chief social, literary, and artistic trends and of the most important figures and events of the period.
- 302. SURVEY OF GERMAN LITERATURE AND CULTURE II. 5 hours**
Prerequisite: German 212 or permission of the Department. An introduction to German civilization in the 19th and 20th centuries. Provides an overview of the chief social, literary and artistic trends, and of the most important figures and events of the period.

- 315. ADVANCED CONVERSATION AND COMPOSITION. 5 hours**
Fall Quarter.
Prerequisite: German 212. This course is taught in conjunction with German 212 to afford grammar review, but it requires additional composition and conversation on a more fluent level.
- 410, 411, 412. SELECTED READINGS IN GERMAN. 2, 2, 2 hours**
Prerequisite: Permission of Instructor.
- 495, 496, 497. STUDY ABROAD. 5, 5, 5 hours**
The study of the German language and culture in a native environment. Designed especially for students in the Study Abroad Program of the University System of Georgia.

COURSES IN RUSSIAN

- 301. BASIC RUSSIAN. 5 hours**
A rapid course in reading and basic conversation. Russian 301 is credited without completion of Russian 302, but is a prerequisite to the second course.
- 302. BASIC RUSSIAN. 5 hours**
Prerequisite: Russian 301.

COURSES IN SPANISH

- 101. ELEMENTARY SPANISH I. 5 hours**
An introduction to Spanish, with basic conversation, reading and grammar, and using the language laboratory. Not credited for duplication of high school units.
- 102. ELEMENTARY SPANISH II. 5 hours**
Prerequisite: Spanish 101. A continuation of Elementary Spanish I. Not credited for duplication of high school units.
- 211. INTERMEDIATE SPANISH I. 5 hours**
Fall, Spring Quarters.
Prerequisite: Spanish 102 or two years of high school Spanish. Review of grammar with continued conversation and reading.
- 212. INTERMEDIATE SPANISH II. 5 hours**
Winter Quarter.
Prerequisite: Spanish 212. Reading of standard texts with stress on oral expression and comprehension.
- 301. SURVEY OF SPANISH LITERATURE AND CULTURE I. 5 hours**
Prerequisite: Spanish 212 or permission of the Department. An introduction to Spanish civilization through the 18th Century. Provides an overview of the chief social, literary and artistic trends and of the most important figures and events of the period.

- 302. SURVEY OF SPANISH LITERATURE AND CULTURE II. 5 hours**
Prerequisite: Spanish 212 or permission of the Department. An introduction to Spanish civilization through the 19th and 20th centuries. Provides an overview of the chief social, literary and artistic trends and of the most important figures and events of the period.
- 315. ADVANCED CONVERSATION. 5 hours**
Prerequisite: Spanish 212. This course is taught in conjunction with Spanish 212 to afford grammar review, but it requires additional composition and conversation on a more fluent level.
- 410, 411, 412. SELECTED READINGS IN SPANISH. 2, 2, 2 hours**
Prerequisite: Permission of Instructor.
- 495, 496, 497. STUDY ABROAD. 5, 5, 5 hours**
The study of the Spanish language and culture in a native environment. Designed especially for students in the Study Abroad Program of the University System of Georgia.

DEPARTMENT OF NURSING

Margaret G. Opitz, Department Head

The Department of Nursing is designed to provide students with the attitudes, knowledge, and skills essential for nursing practice locally, nationally, and/or internationally. This is provided by two degree program offerings: an associate degree and a baccalaureate degree (two-plus-two).

Upon completion of the first two years, the student earns an Associate of Science in Nursing Degree and is eligible to write the National Council Licensure Examination for Registered Nurses (NCLEX-RN). The graduate has the option to work as an R.N. in hospitals and long-term facilities and/or continuing the baccalaureate nursing program. By completing two additional years of upper division studies the student earns a Bachelor of Science in Nursing.

ASSOCIATE OF SCIENCE IN NURSING DEGREE

The associate degree nursing program is designed for educational mobility. The purpose of the program is to prepare the beginning technical nurse to perform the five interrelated roles while working under the supervision of a nurse with professional preparation or a physician. These roles are provider of care, client teacher, communicator, manager of client care, and member within the nursing profession. The graduates of the program are eligible to write the NCLEX-RN for licensure as Registered Nurses and accept beginning staff positions in hospitals and long-term health agencies. The program is approved by the Georgia Board of Nursing and accredited by the National League for Nursing.

The program is designed to coordinate general academic and nursing courses. A total of 96 quarter hours of college credit is required. Students are admitted to nursing 103 course each year in the Fall Quarter. Six quarters are required to complete the nursing program. Students may begin the general academic courses required in the program during any quarter.

Because of the academically demanding program of studies in the nursing curriculum, it is recommended that students, who anticipate enrolling in the nursing program, complete several required general education courses prior to admission into the nursing program.

A satellite nursing program is available at Gainesville Junior College. Students may take first year nursing courses and general academic courses. Lanier Area Technical School provides facilities for classroom and practice laboratory experiences.

In recognition of the differences in current knowledge and experience, a career mobility LPN-RN curriculum offers LPN's the opportunity for advanced placement. Students may validate the first three quarters of nursing through a series of examinations and enroll in a summer bridge course before placement in sophomore nursing courses.

A variety of clinical agencies are selected by the nursing faculty at hospitals, nursing homes, and some selected community health agencies to provide students with opportunities for diverse and significant learning opportunities. Nursing students are responsible for providing their own transportation to and from campus and the clinical agencies.

ADMISSION REQUIREMENTS

1. All applicants seeking admission to the Associate of Science in Nursing Degree Program are required to be accepted as a regularly admitted student to North Georgia College. Additional requirements are:
 - A. A composite Scholastic Aptitude Test Score of 760 or higher with a minimum of 330 in verbal and math areas.
 - B. A Predicted Freshman Grade Point Average of 2.2 or higher.

- C. A grade of 80 or higher on a departmental basic math test.
 - D. An acceptable personal interview by appointment only, with a member of the Department of Nursing faculty, after all other criteria are met.
2. Applicants who do not meet these requirements may see a member of the nursing faculty for counseling, but only by appointment. If an applicant has a Scholastic Aptitude Test score of less than 760 and/or a Predicted Freshman Grade Point Average of less than 2.2, the applicant must complete at least 15 credit hours required in the nursing curriculum with a minimum cumulative grade point average of 2.2 to be considered for admission. Applicants must continue to maintain this average, or better, on all work attempted while awaiting admission to the nursing program.
 3. Transfer students entering the nursing program for the first time must meet all the admission requirements that are pertinent to their applications.
 4. All applicants seeking admission to the LPN/RN Career Mobility program must meet additional requirements:
 - A. Be a graduate of a practical nursing program.
 - B. Be licensed as an LPN in the state of Georgia.
 - C. Complete a minimum of 30 hours of general education courses which include English 101, English 102, Psychology 101, Biology 250, Biology 251, and Biology 280.
 - D. Successfully pass National League for Nursing Mobility Profile I to validate Nursing 103 and 106.
 - E. Successfully pass critical clinical nursing skills required in the first year nursing courses which are validated in Nursing 190.
 5. Students who take general education courses at Gainesville Junior College must go through the admission process at Gainesville Junior College.
 6. Students who withdraw from the nursing program for any reason must apply for readmission.

INFORMATION CONCERNING APPLICATION FOR ADMISSION

1. Applicants who have never been enrolled at North Georgia College are to apply directly to the Office of Admissions for admission to North Georgia College. Following acceptance to North Georgia College, applicants contact the Department of Nursing to initiate admission process for nursing classes.
2. Applicants who are currently enrolled in North Georgia College are to apply directly to the Department of Nursing for admission.
3. Applicants are advised to be prepared with a minimum of two units of science and one unit of mathematics at the high school level.
4. Applicants should make application by January 1 of the year in which they wish to apply for admission to both the College and the nursing department in December, as a regular student or for advanced placement in the LPN/RN Career Mobility program in the summer.
5. After the applicant is accepted and has indicated by letter the intent to enroll and submission of a photograph, additional information and forms will be sent to the applicant concerning uniforms, professional health and liability insurance, National Student Nurses' Association, and health requirements.
6. Students should submit a medical examination form signed by a physician that shows evidence of good health. Additional health requirements must be met prior to clinical

experiences in selected agencies (negative tuberculin test or chest x-ray, rubeola immunization if under age 27, and proof of rubella immunity).

7. Current Basic Cardiopulmonary Life Support (BCLS) certification is required.
8. Enrollment in nursing classes is limited. Enrollment is determined by the availability of nursing faculty, laboratory space on campus and of clinical learning facilities.
9. Students from other R.N. programs may be admitted to the Department of Nursing after meeting the requirements for regularly admitted students to the College and the Department of Nursing. All applicants need a copy of all nursing course materials and a letter of their status upon withdrawal from the nursing program, by the director. Placement in the nursing curriculum will be determined by the Head, Department of Nursing.

ACADEMIC STANDARDS FOR PROGRESSION

A student must meet the following requirements in order to progress in the nursing program:

1. Achieve a grade of 2.0 (C) or higher in each nursing course and Biology 250, 251, 280 before proceeding to the next nursing course.
2. Repeat a non-clinical nursing course before graduation if less than a (C) is earned.
3. Repeat only one clinical nursing course while progressing through the nursing program.
4. Maintain satisfactory performance in the clinical area. An unsatisfactory evaluation in the nursing clinical laboratory means an automatic grade of 0.0 (F) in the course grade.
5. Maintain an overall grade point average of 2.0 (C) or higher in all courses required in the curriculum of the Associate of Science in Nursing Program.
6. Complete all components of the Regents English test before enrollment in the last clinical nursing course.
7. Complete 45 hours at North Georgia College to be eligible for graduation.
8. Adhere to all policies at North Georgia College, Department of Nursing and clinical agencies.
9. Drug Calculations
 - A. Achieve a grade of 85 on a drug calculation competency exam given prior to the end of Nursing 103 in order to progress to Nursing 106 regardless of other grades. The test may be repeated two times.
 - B. Achieve a grade of 85 on a second drug calculation competency exam given prior to the end of Nursing 140 in order to progress to the second year of nursing regardless of other grades. The test may be repeated two times.

NOTE: Students who withdraw from the nursing program for any reason must reapply before being evaluated for readmission to the nursing program.

ASSOCIATE OF SCIENCE IN NURSING DEGREE

GENERAL EDUCATION REQUIREMENTS

English 101, 102
Biology 250, 251, 280
Psychology 101
Sociology 100
Political Science 101
History 100, 251, 252, or 253

HOURS CREDIT

5, 5
5, 5, 5
5
5
5
5

COURSES IN NURSING SCIENCE ¹

Nursing 103, 106, 140

Nursing 220, 240, 250, 260, 290

6,7,8

2, 8, 8, 8, 4

U.S. & GEORGIA CONSTITUTION REQUIREMENTS

U.S. & GEORGIA HISTORY REQUIREMENTS

REGENTS TESTING PROGRAM IN READING AND COMPOSITION²

¹The LPN/RN Career Mobility Program includes Nursing 190, which validates Nursing 140, after applicant has successfully validated Nursing 103, and 106.

²Must be completed before enrolling in the last clinical nursing course.

COURSES IN NURSING

- 103. NURSING FUNDAMENTAL CONCEPTS I. 6 hours**
 Co-requisite: Biology 250 and Nursing 220. A course designed to introduce fundamental principles and skills which are needed to assist the client in meeting activity and rest needs, safety and security needs, basic physiologic needs, and psychosocial/ spiritual needs, based on Maslow's Hierarchy. Emphasis is placed on the use of communication skills and the nursing process. Concepts which are introduced are stress/adaptation, wellness/illness, needs, and growth/development throughout the adult life cycle. The student is introduced to the associate degree in nursing philosophy and the five interrelated nursing roles, as well as the North Georgia College Department of Nursing philosophy, level objectives, and conceptual framework. Four lectures and two, three-hour laboratory periods per week.
- 106. NURSING FUNDAMENTAL CONCEPTS II. 7 hours**
 Prerequisite: Biology 250 and Nursing 103. Corequisite: Biology 251 and English 101. A course designed to introduce the student to scientific concepts and principles which are basic to nursing care of adults in health care settings, with common medical or surgical health alterations. The nursing process is utilized in giving care to selected clients who have needs related to drug therapy, comfort, surgical interventions, and/or alterations in selected basic physiologic processes. Four lectures and two, 4.5 hour laboratory periods per week.
- 140. NURSING OF THE ADULT MEDICAL-SURGICAL CLIENT I. 8 hours**
 Prerequisite: Biology 251 and English 101. Corequisite: Biology 280. A course designed to place emphasis on nursing theory, with application of the nursing process, in caring for individual adult clients in varying developmental stages throughout the life cycle who have acute and/or chronic medical-surgical health alterations. Four lectures and two, six- hour laboratory periods per week.

- 190. TRANSITION TO ASSOCIATE DEGREE NURSING. 8 hours**
Prerequisite: Validation of Nursing 103 and 106, English 101, English 102, Psychology 101, Biology 250, Biology 251, and Biology 280. Nursing 140 is validated and critical clinical nursing skills required in first year nursing courses. A course designed to assist the Licensed Practical Nurse to matriculate into the second year of the Associate of Science in Nursing Degree program, thereby giving credit for previously learned nursing knowledge. Course content focuses on role transition and adaptation, values clarification, therapeutic communication, and selected clinical concepts from the nursing courses offered during the first year of the program. The student is introduced to the associate degree in nursing philosophy and the five interrelated roles, as well as the North Georgia College Department of Nursing associate degree in nursing philosophy, level objectives, and conceptual frame-work. Attention is given to the wellness/illness status of adult clients with common acute and/or chronic medical and surgical health alterations. Application of the nursing process is emphasized in caring for clients in structured health care settings. Priorities of care are established with the integration of Maslow's hierarchy of needs and nursing interventions based on scientific rationale. Five lecture and two, 4.5 hour laboratory periods a week.
- 220. GROWTH AND DEVELOPMENT ACROSS THE LIFE SPAN. 2 hours**
A course designed to give the student basic concepts and principles of human growth and development from conception through senescence. It incorporates developmental theories and anticipatory guidance strategies as a framework for applicability to nursing practice. Two lectures per week.
- 240. NURSING OF THE PSYCHIATRIC CLIENT. 8 hours**
Prerequisite: Nursing 140. Corequisite: Nursing 220 (LPN/RN Career Mobility program). A course designed to help the student learn how to use the nursing process in providing therapeutic care for the psychiatric client in the general hospital, psychiatric hospital, or community health agency. Patient assessment will be based upon an understanding of basic human needs, stages of development and behavior. Intervention will especially utilize therapeutic interpersonal relationships developed through facilitative communication. The development of self awareness by the student is major focus. Three lectures and two, eight-hour laboratory periods per week.
- 250. NURSING IN CHILDBEARING AND CHILDHOOD. 8 hours**
Prerequisite: Nursing 140. Corequisite: Nursing 220 (LPN/RN Career Mobility program). A course designed to focus on pregnancy, childbirth and childhood through adolescence as a wellness/illness experience. Selected normal variations/alterations during the perinatal period as well as the effects of hospitalization and selected childhood illness on needs and responses of child and parents are studied. Related clinical experiences are provided in hospital settings, physicians' offices, and appropriate community agencies. Three lectures and two, eight-hour laboratory periods per week.
- 260. NURSING OF THE ADULT MEDICAL-SURGICAL CLIENT II. 8 hours**
Prerequisite: Nursing 140. Corequisite: Nursing 220 (LPN/RN Career Mobility program). A course designed to explore selected health alterations or experiences that place clients in structured health care setting, at risk, and the complications that may result. Client systems at risk will be studied. Variables that place the client at risk will be discussed and tools and skills that may be utilized to reduce risk will be covered. Alterations related to life style, disturbed sensorium, altered regulatory mechanisms, and fluid and electrolyte imbalances will also be studied. Three lectures and two, eight-hour laboratory periods per week.

- 290. NURSING DIMENSIONS. 4 hours**
 Prerequisite: Nursing 140. A course designed to examine the role of the manager of client care and the professional role of the A.D.N. graduate. These roles are explored in context of nursing history, education, employment, organizations and contemporary issues and trends. Four lecture hours per week.
- 230.a,b,c,d, NURSING SEMINARS. 1 hour**
 e,f,g. Prerequisite: Permission of faculty. Offered on a voluntary basis to qualified students. Selected topics relating to current issues in nursing will be pursued. These courses may be repeated for credit.

BACHELOR OF SCIENCE IN NURSING DEGREE (TWO-PLUS-TWO)

The baccalaureate nursing program for registered nurses is designed for educational mobility. The purpose of the program is to assist the diploma nurse and/or the associate degree nurse to obtain a baccalaureate degree in nursing. The program prepares the professional nurse generalist to perform five interrelated roles. These roles are clinician, leader, educator, researcher, and professional. Building upon competencies held by the student, the program extends his or her knowledge base and scope of practice to allow increased career opportunities, personal and professional satisfaction, and a sound base for graduate education. The program is approved by the Board of Regents and the Georgia Board of Nursing. Application for accreditation by the National League for Nursing has been made.

The program is designed to coordinate upper division general academic and nursing courses. A total of 97 quarter hours of college credit is required. Academic and nursing courses are offered on the North Georgia College campus. Students are admitted to the Nursing 310 course each year in the Fall Quarter. Six quarters are required to complete the baccalaureate nursing program during any quarter.

A variety of clinical experiences are selected by the baccalaureate nursing faculty at primary, secondary, and tertiary health care settings. These experiences assist the professional nursing student to provide quality care to a variety of clients. Baccalaureate nursing students are responsible for providing their own transportation to and from campus and the clinical setting.

Those baccalaureate nursing students seeking an Army commission must meet the requirements of the Military Science courses of the Senior Division Reserve Officer Training Corps (ROTC) program established by the Department of the Army. Completion of ROTC basic course, advanced course and advanced camp are required in addition to the core curriculum and nursing requirements. Students should refer to the Department of Military Science section for courses and requirements.

ADMISSION REQUIREMENTS

All applicants seeking admission to the Bachelor of Science in Nursing Degree program must meet the following requirements:

1. Be accepted to North Georgia College prior to acceptance into the nursing program. Applications may be obtained from the college catalog or the Admissions Office.
2. Have successfully completed an Associate of Science in Nursing Degree or have a diploma in nursing.
3. Following acceptance to North Georgia College applicants contact the Department of Nursing to initiate admission process for nursing classes.
4. Have a valid Georgia License as a Registered Nurse or pending licensure. A copy of the license should accompany the Department of Nursing application.
5. Have a Quality Point Average (QPA) of 2.5 in nursing courses and a 2.3 institutional cumulative average of all courses accepted at North Georgia College for transfer.

6. Have a 2.0 (C) or higher in all science courses (Biology 250, 251 and 280) taken at North Georgia College or accepted for transfer.
7. Successfully complete the National League for Nursing Mobility Profile II if in one of the categories described below:
 - A. All graduates who graduated 6 or more years prior to admission.
 - B. All graduates of diploma schools of nursing.
8. Successfully complete psychomotor skill validation after acceptance into the nursing program. The Department of Nursing will provide students with a list of selected skills and evaluation criteria. Evaluation of the skills will be in the first clinical nursing courses.
9. Submit two references with the application to the nursing program (prefer one reference from an employer and one from a former professor).
10. Appear for an interview if requested. Faculty have the prerogative to request a student interview.

INFORMATION CONCERNING APPLICATION FOR ADMISSION

1. Applicants who have never been enrolled at North Georgia College are to apply directly to the Office of Admissions for admission to North Georgia College. North Georgia College graduates must seek readmission to the College. Following acceptance to North Georgia College applicants contact the Department of Nursing to initiate admission process for baccalaureate nursing classes.
2. Applicants who are currently enrolled in North Georgia College are to apply directly to the Department of Nursing for admission.
3. Applicants should make application by April 1 of the year prior to the year in which they wish to apply for admission to both the College and the nursing program in September.
4. Those students needing to complete the National League for Nursing Mobility Profile II should write for applications from: Director of Testing, North Georgia College.
5. After the applicant is accepted and has indicated by letter of intent to enroll and submission of a photograph, additional information and forms will be sent to the applicant concerning uniforms, professional health and liability insurance, National Student Nurses' Association, and health requirements.
6. Students should submit a medical examination form signed by a physician that shows evidence of good health. Additional health requirements must be met prior to clinical experiences in selected agencies (negative tuberculin test or chest x-ray, rubeola immunization if under age 27, and proof of rubella immunity).
7. Current Basic Cardiopulmonary Life Support (BCLS) certification is required.
8. Enrollment in the baccalaureate nursing class is limited. Enrollment is determined by the availability of nursing faculty, laboratory space and of clinical facilities.
9. Students from other Bachelor of Science in Nursing programs may be admitted to the Department of Nursing after meeting the requirements for regularly admitted students to the College and the Department of Nursing. All applicants need a copy of all nursing course materials and a letter of their status upon withdrawal from the nursing program, by the director. Placement in the nursing curriculum will be determined by the Head, Department of Nursing.

ACADEMIC STANDARDS FOR PROGRESSION

A student must meet the following requirements in order to progress in the nursing program:

1. Achieve a grade of 2.0 (C) or higher in each nursing course and Chemistry before proceeding to the next nursing course.
2. Repeat only one clinical nursing course while progressing through the nursing program.
3. Repeat a nursing course only once. Students who fail to make a (C) or better on two tries in a nursing course will be required to withdraw from the program.
4. Complete all competents of the Regents English Test before enrollment in the last clinical nursing course.
5. Complete 45 hours at North Georgia College to be eligible for graduation.
6. Adhere to all policies at North Georgia College, Department of Nursing and clinical agencies.

BACCALAUREATE OF SCIENCE IN NURSING DEGREE

GENERAL EDUCATION REQUIREMENTS

	HOURS	CREDIT
English 101, 102, and 250	5	5, 5, 5
English 203, 204, 205, 206, or 207		5-10
Fine Arts 150, 151, 152, 252, Music 205 or Theater 250		0-5
Mathematics 101, 240	5	5
Chemistry 101, 103	5	5
Biology 250, 251, 280	5	5, 5, 5
Psychology 101	5	5
Sociology 100	5	5
Political Science 101	5	5
History 100, 251, 252 or 253	5	5
Approved electives (at least 5 hours must be in Social Science)	10	
Nursing 103, 106, 140	6	7, 8
Nursing 220, 240, 250, 260, 290	2	8, 8, 8, 4
Nursing 310, 320, 330, 340, 350	5	2, 5, 5, 8
Nursing 410, 420, 430, 440	5	6, 8, 8

U.S. & GEORGIA CONSTITUTION REQUIREMENTS

U.S. & GEORGIA HISTORY REQUIREMENTS

REGENTS TESTING PROGRAM IN READING AND COMPOSITION¹

¹Must be completed before enrolling in the last clinical nursing course.

COURSES IN NURSING

- 310. TRANSITION TO PROFESSIONAL NURSING. 5 hours**
 A course designed to facilitate the transition of technical nurses into professional nursing. Course content focuses on nursing as a profession, health care delivery systems, an introduction to the philosophy and conceptual framework of nursing at North Georgia College, and a review of the nursing process. Emphasis is placed on the professional roles in providing care to individuals, families, groups and communities. An introduction to nursing and supporting theories is presented.

- 320. NURSING PRACTICE FOR CLIENTS OF DIVERSE CULTURAL BACKGROUNDS. 2 Hours**
Prerequisite: Nursing 310. A course designed to explore cultural components of health care. Groups will be studied from the aspect of how social elements impact the acceptability and availability of health care delivered to clients of diverse ethnic/cultural backgrounds. Additionally, the student will explore a wide variety of alternative health care practices available to, and traditionally used by clients in the rural, Appalachian, North Georgia area.
- 330. HEALTH ASSESSMENT ACROSS THE LIFESPAN. 5 hours**
Prerequisite: Nursing 310. A course to prepare the B.S.N. student to conduct health assessments of varying client populations (birth-senescence) in primary, secondary and tertiary settings. Emphasis is placed on the acquisition, processing, and interpretation of data collected from individuals, families, groups, and communities. A bio-psycho-socio-spiritual approach to assessing humans and their response to life experiences is incorporated. Laboratory experience consists of simulated practice as well as clinical application.
- 340. INTRODUCTION TO NURSING RESEARCH. 5 hours**
Prerequisite: Nursing 320 and 330. A course designed to provide a foundation regarding nursing research and theory for applicability to nursing and health care delivery. Nursing students will be prepared to become knowledgeable nursing research consumers; and to understand, evaluate and apply the research process which promotes a spirit of inquiry and encourages critical appraisal, systematic thinking and judgment.
- 350. NURSING PRACTICE WITH OLDER CLIENTS. 8 hours**
Prerequisite: Nursing 320 and 330. A course designed to explore the normal process of aging and the numerable influences affecting the needs, wellness/illness, growth/development, and stress/adaptation of older clients. Bio-psycho-socio-spiritual aspects are reviewed in relation to the response of older clients as individuals and within the context of families, groups and communities. Emphasis is placed on the roles of the professional in providing comprehensive nursing care to older clients in primary and secondary settings.
- 410. TRENDS AND ISSUES. 5 hours**
Prerequisite: Nursing 340 and 350. A course to provide students with opportunities to analyze trends and issues from the past that have influenced the current trends and issues in the nursing profession. Reflection on the past and present will assist the student to project trends and issues in the future of the profession and the participation of the baccalaureate nurse.
- 420. LEADERSHIP IN NURSING. 6 hours**
Prerequisite: Nursing 340 and 350. A course designed to examine the nurse as a leader in a changing health care system including the role within a rural setting. Course content focuses on leadership and management strategies, organization, personnel, decision-making and change process, and goal attainment in providing quality nursing care to society. Students will practice the nurse leader-coordinator role in directing, guiding and providing comprehensive nursing care in a primary, secondary, or tertiary health care setting.

- 430. NURSING PRACTICE OF CLIENTS WITH COMPLEX HEALTH CARE NEEDS. 8 hours**
Prerequisite: Nursing 410 and 420. A course designed to examine the response of various age groups (birth through senescence) to complex aspects are reviewed in relation to the effects of identified responses on the nurse and client. Emphasis is placed on the use of problem solving skills and analytical thinking in independent judgments; increasing knowledge of complex physiological and psychological alterations; and synthesizing the roles of the professional nurse in providing comprehensive nursing to selected clients.
- 440. NURSING PRACTICE WITH CLIENTS FROM A COMMUNITY PERSPECTIVE. 8 hours**
Prerequisite: Nursing 410 and 420. A course designed to emphasize the professional nurse roles in providing comprehensive nursing care from a community perspective. Students will have guided clinical practice in a variety of settings with the major goals of protective, nutritive, and generative nursing interventions for society. The course will examine cultural and environmental influences such as epidemiology, communicable diseases, infection control, substance and human abuse.

DEPARTMENT OF PHYSICAL EDUCATION, HEALTH AND RECREATION

William E. Ensley, Department Head

The College considers physical fitness vital to completely satisfactory college life. Provisions are made to include the maximum number of students in the maximum number of activities throughout the entire year.

The basic P.E. program calls for two scheduled periods a week for all freshmen and sophomore students for a total of 6 quarter hours. All work is supervised by the Head of the Department of Physical Education and his assistants.

MAJOR IN PHYSICAL EDUCATION WITH TEACHER CERTIFICATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101	5
English 203, 204, 205, 206, 207	5	Sciences:	15
Fine Arts 252, Music 205, Art 150, Art 151, or any appropriate course in the Modern Languages	5	Biology 105-106, and Five hours in any 100 or 200 level course in biology, chemistry, physics or math.	

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Physical Education 250 or Biology 250, or 310, Education 204, Speech 211 or 214, Physical Education 225, 231 and five hours from Psychology 205, 252 or 258	30
History 100, 251, 252, or 253	5		
Psychology 101	5		
A 100 or 200 level course in the Social Sciences	5		

PHYSICAL EDUCATION MAJOR

Activity courses: P.E. 311 (gymnastics) and 2 courses from P.E. 205, 300, 301, 307, 317. 6

Coaching Courses: 2 courses from P.E. 320, 321, 322, 325, or 327. 6

Other Required Courses: P.E. 315, 324, 390, 405, 420, 440a, 440b, 450, 460, Recreation 430, and 3 hours in Recreation, or other electives 43

No grade below C will be acceptable on Physical Education courses presented to fulfill the requirements for a physical education major.

OTHER REQUIREMENTS:

Education 305, 311c, 421c, 431c	30
Special Education 360	5
Recreation 220	5
Computer Science 120 or 130	2 or 3

*All bachelor degree programs in teacher education leading to state certification are also subject to degree requirements listed in the Department of Education section of this catalog.

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

SKILL TESTING REQUIREMENTS—All physical education majors are expected to meet and maintain certain skill level requirements as periodically administered by the Department of Physical Education

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS (P.E. 103, 204 and 4 electives) 6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

SPECIAL NOTE: Physical Education Majors Club—All physical education majors are expected to be members of the Physical Education Majors Club and adhere to its policies for the upgrading of the profession.

MAJOR IN PHYSICAL EDUCATION WITHOUT TEACHER CERTIFICATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101	5
English 203, 204, 205, 206, 207	5	Sciences:	15
Fine Arts 252, Music 205, Art 150, Art 151, or any appropriate course in the Modern Languages.	5	10 hour sequence in 100 or 200 level science courses and five additional hours in any 100 or 200 level courses in biology, chemistry, physics or math.	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Physical Education 250 or Biology 250, or 310, Sociology 100 or Education 204, Speech 211 or 214, Physical Education 225 Physical Education 231 and Recreation 220	30
History 100, 251, 252 or 253	5		
Psychology 101	5		
A 100 or 200 level course in the Social Sciences	5		

PHYSICAL EDUCATION MAJOR WITHOUT TEACHER CERTIFICATION

Activity Courses: P.E. 311 (Gymnastics) and 2 courses from P.E. 205, 300, 301, 307, 317. 6

Coaching courses: 2 courses from P.E. 320, 321, 322, 325 or 327 6

Other Required Courses: P.E. 315, 324, 390, 405, 420, 440a, 440b, 450, 460, Recreation 430 and 3 hours in Recreation, or other electives. 43

No grade below C will be acceptable in Physical Education courses presented to fulfill the requirements for a physical education major.

OTHER REQUIREMENTS

Business Administration 221, 231, 361 15

Psychology 320, or any 300 or 400 level Psychology course 5

Computer Science 120 or 130 2 or 3

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of basic Physical Education)

SKILL TESTING REQUIREMENTS — All physical education majors are expected to meet and maintain certain skill level requirements as periodically administered by the Department of Physical Education.

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS (P.E. 103, 204 and 4 electives)	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	
SPECIAL NOTE: Physical Education Majors Club — All physical education majors are expected to be members of the Physical Education Majors Club and adhere to its policies for the upgrading of the profession.	

MAJOR IN RECREATION

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101	5
English 203, 204, 205, 206, 207	5	Sciences:	15
Fine Arts 252, Music 205	5	Biology 105, 106, and Five hours in any 100 or 200 level course in biology, chemistry, physics or astronomy.	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Sociology 202 or 216	5
History 100, 251, 252, or 253	5	Psychology 101	5
Sociology 100	5	Speech 211 or 214	5
Business Admin. 221	5	Recreation 203	5
		Art 107	5
		Business Administration 231	5

RECREATION MAJOR	
Recreation courses: 118, 220, 383, 386, 394, 397, 410, 430, 435, 485.	54

No grade below C will be acceptable on Recreation courses taken to fulfill Recreation Major requirements.

P.E. COURSES:	
Physical Education 204	1
Physical Education 205	2
Physical Education 231	5
Physical Education 315	5
Physical Education 390	5
Physical Education 420	5

OTHER REQUIRED COURSES:	
Business Administration 361	5
Computer Science 120, 130	5
Criminal Justice 201 or Education 305	5

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS (P.E. 103, 204 and 4 electives)	6
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT	

SPECIAL NOTE: Recreation Society—All recreation majors are expected to be members of the North Georgia College Recreation Society and to support its professional development programs.

MINOR IN SOCIAL RECREATION

A minor in Social Recreation shall consist of P.E. 315, 390, Recreation 118, 203, 394, and 397.

MINOR IN OUTDOOR RECREATION

A minor in Outdoor Recreation shall consist of P.E. 390, Recreation 203, 394, 397, and 430.

COURSES IN PHYSICAL EDUCATION

REQUIRED PHYSICAL EDUCATION FOR WOMEN AND MEN

All students are required to take six different courses in basic physical education as a part of the requirements for graduation. Under this requirement, each student is required to take P.E. 103 (Personal Fitness) and P.E. 104 or 204 (Swimming) and four other electives.

BASIC PHYSICAL EDUCATION COURSES

103 Personal Fitness	118 Golf
104 Swimming	*119 Scuba Diving
105 Wrestling	120 Weight Training
106 Volleyball	*121 Snow Skiing
107 Tennis	*122 Water Skiing
108 Soccer	*123 Fundamentals of Sailing
109 Bowling	*124 White Water Canoeing and Rafting
110 Fencing	125 Casting and Angling
111 Tumbling	*126 Back Packing
112 Basketball	127 Yoga
113 Folk and Square Dancing	129 Adapted Physical Education
114 Social Dance	204 Advanced Life Saving
115 Badminton	210 Intermediate Fencing
116 Softball	213 Clogging
117 Archery	214 Aerobic Dancing

*May require additional fee.

205. WATER SAFETY INSTRUCTION. 2 hours
Prerequisite: Current Advanced Life Saving Certificate. A course designed to improve the physical education major's background in teaching water safety.

225. INTRODUCTION TO PHYSICAL EDUCATION AND HEALTH. 5 hours
A combined study of the areas of Physical Education and Health. The first part deals with the history of Physical Education, and orientates the student with basic principles of Modern Physical Education, expanding to careers and professional organizations involved with wellness. The second part analyzes the areas of health as it relates to the individual as a consumer and knowledgeable members of society.

- 231. FIRST AID—PREVENTION AND TREATMENT OF ATHLETIC INJURIES. 5 hours**
Dealing specifically with first aid treatment and instructor certification but includes immediate care and long term prevention, treatment, and rehabilitation of injuries occurring from sports and physical activities.
- 250. BASIC HUMAN ANATOMY. 5 hours**
A study of the basic structures and systems of human body.
- 300. GOLF/SOFTBALL. 2 hours**
A course designed to improve the physical education major's background in teaching activity oriented programs.
- 301. WEIGHT TRAINING/BODY MECHANICS. 2 hours**
A course designed to improve the physical education major's background in developmental programs of muscular strength, muscular endurance, and injury prevention.
- 307. TENNIS/BADMINTON. 2 hours**
A course designed to improve the physical education major's background in teaching activity oriented programs.
- 309. LIFE AND ACTIVITY. 1 hour**
Knowledges, attitudes and understandings of how physical activity shall be integrated and correlated into the life style of an individual.
- 311. GYMNASTICS/TUMBLING. 2 hours**
A course designed to improve the physical education major's knowledge, understanding and teaching ability of all phases of gymnastics and tumbling for all age groups.
- 315. DANCE AND MOVEMENT EXPLORATION. 5 hours**
A study will be made of all dance forms including creative movement with emphasis on practical application for teacher performer, and recreation director.
- 317. ARCHERY/VOLLEYBALL. 2 hours**
A course designed to improve the physical education major's background in teaching activity oriented programs.
- 318. FIELD HOCKEY/SOCCER/SPEEDBALL. 2 hours**
A course designed to improve the physical education major's background in teaching activity oriented programs.
- 320m. WRESTLING. 3 hours**
This course is designed to prepare every male physical education major in the analysis and practice of the fundamental skills and teaching techniques of interscholastic and collegiate wrestling.
- 321. FOOTBALL. 3 hours**
This course is designed to acquaint every physical education major with a greater understanding of the total game of football through the use of lectures, practical-on-the-field experiences, films, and guest speakers.

- 322w. BASKETBALL. 3 hours**
A study and practice of the fundamental skills and teaching techniques in basketball.
- 322m. BASKETBALL. 3 hours**
Lectures and demonstrations will be given on the theory and practice of coaching basketball. Each student will have experience playing each position on the team under actual game conditions.
Practical experience will be obtained through directing the phase of the intramural sports program.
- 324. CURRENT ISSUES IN HEALTH CARE. 3 hours**
An in-depth study of the structure role and function of the existing components of human health as it spans the spectrum from elementary health care to the role of man in a complex society.
- 325. BASEBALL AND TRACK. 3 hours**
Lectures and demonstrations on the theory and practice of coaching baseball and track. The first half of the quarter will be devoted to baseball and the remainder to track.
- 327. TENNIS. 3 hours**
Prerequisite: P.E. 307. A study and practice of the fundamental skills and teaching techniques in tennis. Three hours per week of lecture and laboratory.
- 390. HEALTH EDUCATION. 5 hours**
A study of the physical and mental health problems of society as they relate to man and his confrontations with mental health, alcohol, disease, drugs, marriage, nutrition, physical fitness and sex.
- 400. SEX EDUCATION. 5 hours**
A study of the attitudes and standards of the physical, emotional and behavioral aspects of sex.
- 405. ADMINISTRATION AND METHODS. 5 hours**
Prerequisite: P.E. 225. A study of the administrative processes and methodology needed to develop a thorough understanding of desirable standards and program implementation in physical education.
- 420. ELEMENTARY AND SECONDARY SCHOOL PHYSICAL EDUCATION. 5 hours**
A study and practicum in the objectives, needs, methods, and materials of elementary and secondary school children involved in a modern day physical education program.
- 440 a & b. PHYSICAL EDUCATION PRACTICUM. 2 hours**
The student is assigned to a specific instructional class or given an assignment within the school or community setting. The purpose of this assignment is to enhance the professional growth of the physical education major.

- 450. EXERCISE PHYSIOLOGY. 5 hours**
Prerequisite: P.E. 250 or Biology 250. A combined study of the structure and function of the human body. Lecture and laboratory experience includes the study of the minute and gross anatomical and physiological structures of man as it relates to man living in the physical world of muscular activity.
- 460. KINESIOLOGY AND THERAPEUTICS. 5 hours**
Prerequisite: P.E. 250 or Biology 250. A study of the movements of the human body and their working relationship in normal and atypical individuals.
- 480. INDEPENDENT STUDY. 5 hours**
Practical study and/or experience in the area of student's major interest under the supervision of the student's advisor and as approved by the student's advisor and the department chairman.

COURSES IN RECREATION

- 118. SOCIAL RECREATION. 3 hours**
Methods and materials in social recreation. Experience will be given in group planning conducting social activities. Some laboratory experience will be required.
- 203. INTRODUCTION TO RECREATION AND PARKS. 5 hours**
Course covers history, trends, philosophy, social role of recreation in modern society, and professional opportunities in the field of recreation.
- 220. SPORTS OF RECREATION. 5 hours**
A course designed to familiarize the student with the type of sports that can be played throughout life. Includes both individual and team sports that can be played during leisure hours.
- 383. THERAPEUTIC RECREATION: INTRODUCTION AND OVERVIEW. 3 hours**
An analysis of those recreational services that are provided with definite purposes in relation to disability, recovery from or adjustment to illness, or a specific social problem.
- 386. CAMP ADMINISTRATION, OPERATION, AND COUNSELING. 5 hours**
Course includes organization, administration, staffing, food service, and program planning for different types of camps. Includes techniques of camp leadership and camp counseling.
- 394. COMMUNITY RECREATION: MANAGEMENT AND PROBLEM-SOLVING. 5 hours**
A course designed to familiarize students with the management and problem-solving techniques and skills that are vital in a wide variety of local agencies and settings which provide recreation services in a community. Special emphasis is given to management and problem-solving abilities at the city and county levels.

- 397. ORGANIZATION, ADMINISTRATION, AND PROGRAMMING FOR RECREATION. 5 hours**
A course designed to focus on the organizational, administrative, and programming aspects of various types of recreation departments and agencies. Emphasis is placed on personnel management, financial management, and programming techniques.
- 410. AREA AND FACILITY MANAGEMENT. 5 hours**
Course includes operation, maintenance, and planning of recreation areas and facilities. Consideration will be given to routine maintenance, construction, maintenance workers, contract work, master planning, space and facility standards, planning recreation areas and facilities, site selection, and comprehensive recreational surveys.
- 430. OUTDOOR RECREATION. 5 hours**
Course covers the organization and administration of outdoor recreation in local, county, and federal agencies with emphasis on resources, economic impact, need, supply and demand, education and trends.
- 435. RECREATION PRACTICUM. 3 hours**
This course is designed to provide the student with actual work experiences in as many different recreation settings as possible. It is designed to link the relationship of theory to the practical aspects of recreation.
- 438. INDEPENDENT STUDY. 5 hours**
A course designed to allow students to individually pursue topics relating to recreation under the guidance of a faculty member.
- 485. INTERNSHIP IN RECREATION AND PARKS. 15 hours**
Prerequisite: Senior Class standing. The recreation major spends an entire quarter working full-time in a cooperating agency with a competent, supervising recreation professional.

DEPARTMENT OF PHYSICS

Donald E. Kinkaid, Department Head

MAJOR IN PHYSICS

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 119, 120, 240	10
Courses from English 203, 204, 205, 206, 207	5-10	Physics 223, 224, 225	10
Fine Arts 252, Art 150, 151, 152, French 101, German 101 if only one of above is selected	0-5		

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Physics 230, 240	10
100-200 level courses in History	5-15	Mathematics 245, 246	10
Course from Anthropology 100, Business Admin. 221, 222, Psychology 101, 205, or Sociology 100	0-10	Chemistry 121, 122	10

PHYSICS MAJOR

Physics 230*, 240*, 250*, Labs 375*, 376*, 377*, 475, 476, 477, 320*, 330,
340*, 345, 350, 400, 410*, 420, 440, 450*, 480, 490, 491, 492 40-78

OTHER REQUIREMENTS:

Physics 224 or 225 5
 Mathematics 300 5
 Foreign Language (any acceptable sequence) 10
 Computer Science 120, 225 4

COURSES IN THE MINOR

The traditional minor for a Physics major is Mathematics. However, a minor field of concentration can be elected by the student with the consent of both the major and minor professors. minimum — 20

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

MAJOR IN PHYSICS — SECONDARY EDUCATION

All bachelor degree programs in teacher education leading to state certification are also subject to degree requirements listed in the Department of Education section of this catalog.

(For Core Curriculum Requirements see core requirements for Major in Physics.)

COURSES IN THE MAJOR

Physics 250, 320, 340, 375, 376, 377, 410, plus seven hours of approved
electives in Physics. 30

*Required Courses

OTHER REQUIREMENTS

Biology 105, 106 or 105, 107 10

Mathematics 245, 246 and 300 15

Physical Education 309, 390 6

Special Education 360 5

Computer Science 120, 225 4

PROFESSIONAL EDUCATION SEQUENCE

Education 204, 305, 311c, 421c, and 431c 35

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive
of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

DUAL DEGREE PROGRAM — PHYSICS

North Georgia College now offers two possibilities for dual degrees with institutions with engineering programs. The student may choose between Georgia Institute of Technology in Atlanta and Clemson University in Clemson, South Carolina. These programs are offered by North Georgia College specifically to provide students with the opportunity to develop a strong liberal arts background before completing academic coursework in engineering at another institution.

The average student will attend North Georgia for approximately three years and then either Clemson University or Georgia Tech for an additional two years. Upon completion of study in this program, the successful student will receive a bachelor's degree in physics from North Georgia College and a bachelor's degree in engineering in any one of a number of fields from Georgia Tech or Clemson University.

The following complete listing of fields of study are available for students following the dual degree program at North Georgia College:

Clemson University

Bachelor of:

Agricultural Engineering

Ceramic Engineering

Civil Engineering

Computer Engineering

Electrical Engineering

Mechanical Engineering

Engineering Analysis

Georgia Tech

Bachelor of:

Aerospace Engineering

Ceramic Engineering

Chemical Engineering

Civil Engineering

Electrical Engineering

Engineering Economic Systems

Engineering Science

Industrial Engineering

Mechanical Engineering

Nuclear Engineering

Textile Engineering

Science in Textiles

Science in Health Systems

DUAL DEGREE REQUIREMENTS:

1. Complete 140 quarter hours at North Georgia College as outlined below (exclusive of basic military for cadets and P.E.)
2. A recommendation for the Dual Degree Coordinator of North Georgia College.
3. A college grade point average and specified test results which would indicate that the student could satisfactorily complete the degree requirements at Georgia Tech and Clemson.
4. Complete a study program which equals the number of credit hours required of normal juniors and seniors enrolled in the standard curriculum for the degree being sought.
5. If the official study program at Georgia Tech includes electives and the candidate has excessive hours at North Georgia, he may petition that these excess hours be used as transfer credits to Georgia Tech. Such transfer credits shall not amount to more than one half of the official study program at Georgia Tech.

CORE CURRICULUM REQUIREMENTS — DUAL DEGREE PROGRAM

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101, 102	10	Mathematics 119, 120	10
English 203, 204, 205, 206, 207	10	Sciences: Physics 223, 224, 225	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Chemistry 121, 122, Phys. 230	15
Course at 100-200 level in History	5-15	Mathematics 245, 246, 247	15
Courses from Psychology 101, 205, Sociology 100, Anthropology 100, or Business Admin. 221, 222	0-10		

OTHER REQUIREMENTS: Physics 224 or 225

MINOR IN PHYSICS

Physics 223, 224, 225, plus ten additional hours as approved by the Department Head

25

MINOR IN COMPUTER TECHNOLOGY

A minor in Computer Technology is obtained by completing one of two tracks. Those students following the Business track take CPSC 120, 220, 230, 235; BADM 251; PHYS 345 and 350. Those students following the Science track take CPSC 120, 220, 225, 230, and PHYS 340, 345, 350.

*History 100 requirement may be satisfied by successfully passing an examination on United States and Georgia history administered by the Social Science Department.

**The 140 hours at North Georgia College must include Physics 223, 224, 225; Math 245, 246, 247, 300; Physics 230, 240, 250, 320, 375, 376, 377; and Military 300, 301, 302 for cadets.

COURSES IN PHYSICS

- 223. MECHANICS. 5 hours**
Fall and Winter Quarters.
 A study of the properties of matter, and the mechanics of solids and fluids. The numerous problems solved are selected to emphasize fundamental principles as well as to promote skill in numerical solutions. The laboratory work is designed to clarify physical concepts, develop skills in making precise measurements, and proficiency in the manipulation of apparatus. Four lecture-recitations and one, two-hour laboratory per week.
- 224. ELECTRICITY. 5 hours**
Winter Quarter.
 Prerequisite: Physics 223. This course is a continuation of general physics. It deals with magnetism and static and current electricity. Four lecture-demonstrations and one, two-hour laboratory period per week.
- 225. HEAT, LIGHT, AND SOUND. 5 hours**
Spring Quarter.
 Prerequisite: 223. This course is a continuation of general physics. It deals with wave theories generally, and heat, light, and sound specifically. Four lecture-recitations and one, two-hour laboratory period per week.
- 230. MECHANICS — INTERMEDIATE. 5 hours**
Fall Quarter.
 Prerequisite: Physics 223. May be taken concurrently with Mathematics 245. This course deals with the effects of forces on rigid bodies in equilibrium and on objects in motion. Emphasis is placed on solution of problems.
- 240. ELECTRICITY AND MAGNETISM INTERMEDIATE. 5 hours**
Winter Quarter.
 Prerequisite: Physics 230. May be taken concurrently with Physics 224 and Mathematics 246. This course deals with the interaction of charged particles through electric and magnetic fields. Conservation principles presented in Physics 230 are emphasized.
- 250. MODERN PHYSICS — INTERMEDIATE. 5 hours**
Spring Quarter.
 Prerequisite: Physics 225, 240, and Math 246. An introduction to modern physics, dealing with the elemental nature of matter and radiation, ionization of gases, the quantum theory, and current developments in atomic physics.
- 320. MECHANICS — ANALYTICAL. 5 hours**
 Prerequisite: Physics 230. May be taken concurrently with Math 300. Kinematics, using vector analysis, dynamics of particles, rotation and planetary motion, the linear harmonic oscillator, studies of energy, momentum and impact, approximation and perturbation methods, plus an introduction to the most general methods of solving dynamical problems.

- 330. APPLIED OPTICS. 3 hours**
Prerequisite: Physics 250. A study of optical electronics. Topics will include lens waveguides, propagation of optical beams in fibers, laser systems, and detection of optical radiation. Laboratory exercises will be used to complement classroom lectures.
- 340. INTRODUCTION TO ELECTRONICS I. 5 hours**
Prerequisite: Physics 224. A study of the elementary principles of electronics. The laboratory work consists of the study of analogue electronic circuits and the use of testing equipment. Four lecture-recitations and one two-hour laboratory per week.
- 345. DIGITAL ELECTRONICS. 5 hours**
Prerequisite: Physics 224. An introduction to Digital Electronic Technology. Topics to be included are number systems, Boolean algebra, logic families in use, comparison of the logic, the logic families, and logic circuit design. The laboratory exercises will be selected to complement the classroom lectures. Four one-hour lectures and one two-hour laboratory per week.
- 350. COMPUTER INTERFACING. 5 hours**
Prerequisite: Physics 224. Physics 376 is strongly suggested. This course will demonstrate some of the possible applications of micro computing to scientific data acquisition, display and processing, in Basic or machine language or a hybrid combination of the two. The students will be provided with hands-on experience with the different types of hardware and interfaces usually found in micro or mini computer systems.
- 375, 376, 377. PHYSICS LABORATORY I. 1, 1, 1 hour**
Fall, Winter, and Spring Quarters.
Required of all students majoring in physics. Selected experiments from the various branches of physics, clarifying and expanding the work of the classroom, and developing good laboratory techniques. The evaluation and the interpretation of experimental data.
- 400. THERMODYNAMICS. 5 hours**
Prerequisites: Physics 225 and Math 300. A study of temperature and its measurement, calorimetry, and some topics from thermodynamics and statistical mechanics. Five lecture-recitations per week.
- 410. ELECTRICITY AND MAGNETISM I. 5 hours**
Prerequisite: Physics 240. With consent of Instructor, may be taken concurrently with Math 300. A course considering in a more advanced manner the topics of electrostatics, magnetostatics, electrolysis, basic circuit theory, and related topics.
- 420. ELECTRICITY AND MAGNETISM II. 5 hours**
Prerequisite: Physics 410. This course is a continuation of Physics 410 with emphasis on electrodynamics, alternating current theory, transmission lines, filters, electromagnetic wave theory and related topics.

- 440. NUCLEAR PHYSICS. 5 hours**
Taught on demand.
 Prerequisite: Physics 320 or 250. A study of natural radioactivity, interaction of radiation with matter, radiation measuring instruments and the detection of nuclear particles, plus a survey of the current state of experimental and theoretical nuclear physics.
- 450. QUANTUM MECHANICS. 5 hours**
 Prerequisites: Physics 250 and Math 300. Introduction to the quantum mechanics of one-dimensional systems. An introduction to Schroedinger's equation with emphasis being placed on solutions for one-electron atoms.
- 460. SCIENCE FOR ELEMENTARY SCHOOL TEACHERS. 5 hours**
 This course is for teachers of grades K-8. A course dealing with the everyday aspects of physics, chemistry, and astronomy as they might need to be explained by the elementary teacher. The work will include demonstrations and suitable experiments that can be performed with materials available in the average elementary and home situation.
- 475, 476, 477. PHYSICS LABORATORY II. 1, 1, 1 hour**
 (These courses may be taken three times for credit.) A continuation of Physics Laboratory I.
- 490A,B,C,D,E. 1, 2, 3, 4, 5 hours**
- 491A,B,C,D,E. 1, 2, 3, 4, 5 hours**
- 492A,B,C,D,E. INTRODUCTION TO RESEARCH METHODS. 1, 2, 3, 4, 5 hours**
 This course is designed to prepare the student for employment as a research assistant, or engineer, upon completion of the B.S. Degree. It will also orient the student toward the research work required for an advanced degree. It will consist of two or three lectures and demonstration per week with laboratory work. The lectures will include the various research techniques, theory of errors, analysis of experimental data, use of library sources, and report writing. The student will be required to use library sources and to perform various experiments. The student will also be required to report his work by class talks and written reports.

COURSES IN ASTRONOMY

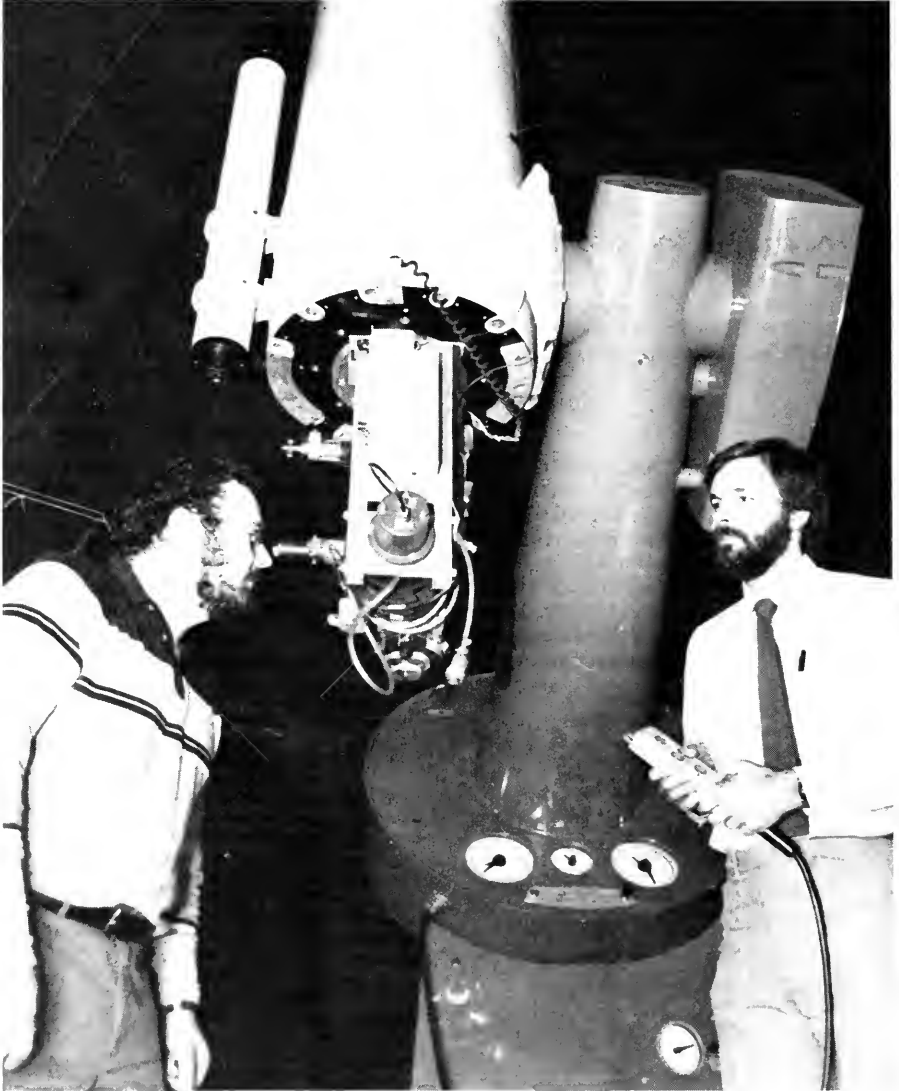
- 104. SOLAR SYSTEM ASTRONOMY. 5 hours**
 First course in the 104-105 sequence. Includes four lectures sessions and one two-hour laboratory per week. Slides, films, classroom demonstrations, and planetarium shows aid the discussion of topics which include the planets, the nature of light, telescopes, and the evolution of Man's concept of the Solar System. Laboratory exercises will involve the student in observing stars and planets with the three to sixteen inch telescopes of the college observatory.

105.

STELLAR ASTRONOMY

5 hours

Prerequisite: Astronomy 104. Continuation of the 104-105 sequence. Includes four lecture sessions and one two-hour laboratory per week. Topics include star systems, stellar evolution, galaxies, cosmology, and the possibility of the existence of life elsewhere in the universe. Slides, films, classroom demonstrations, and planetarium shows are used throughout to aid in classroom discussions. Laboratory exercises emphasize student observations of star systems, galaxies, and planets. Telescopes of from three to sixteen inches in size will be used at the college observatory.



DEPARTMENT OF PSYCHOLOGY

James C. Parks, Department Head

MAJOR IN PSYCHOLOGY

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES CREDIT	HOURS	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, 240	10
Courses from English 203, 204, 205, 206, 207	5-10	Biology 105-106 or 105-107	10
Art 150 or Art 151 or Music 205 or Fine Arts 252 or any appropriate course in the Modern Languages (if only one 200 level English is selected from the above)	5		
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	100/200 level courses appropriate to the major field of the individual student as approved by faculty advisor	30
Hist 100 or 251 or 252 or 253	5		
Psych 101	5		
Psych 102	5		

GENERAL REQUIREMENTS:

- Psych 307 — Statistics for the Behavioral Sciences
- Psych 308 — Experimental Psychology
- Psych 309 — History and Systems

CONCENTRATIONS: (Choose one and complete a minimum of 30 hours from within the list of courses for the chosen concentration).

APPLIED GENERAL (30 Hours)

- Psych 302 — Developmental Psychology
- Psych 315 — Social Psychology
- Psych 331 — Psychology of Learning and Cognition
- Psych 335 — Behavior Modification
- Psych 362 — Industrial/Organizational Psychology
- Psych 419 — Measurement of Individual Differences
- Psych 433 — Individual Psychological Testing: Wechsler and Stanford-Binet
- Psych 353 — Survey of Abnormal Psychology I
- Psych 463 — Psychological Counseling and Psychotherapy

BASIC GENERAL (30 Hours)

- Psych 315 — Social Psychology
- Psych 331 — Psychology of Learning and Cognition
- Psych 343 — Theories of Personality
- Psych 362 — Industrial/Organizational Psychology
- Psych 419 — Measurement of Individual Differences
- Psych 423 — Physiological Psychology
- Psych 353 — Survey of Abnormal Psychology I

PRE-COUNSELING (30 Hours)

- Psych 331 — Psychology of Learning and Cognition
- Psych 343 — Theories of Personality
- Psych 353 — Survey of Abnormal Psychology I
- Psych 419 — Measurement of Individual Differences
- Psych 433 — Individual Intelligence Testing: Wechsler & Stanford-Binet Scales
- Psych 463 — Psychological Counseling and Psychotherapy
- Psych 465 — Group Dynamics
(Recommended Psych 354, Advanced Abnormal Psychology II, and Psych 335, Behavior Modification, Psych 302 — Developmental Psychology)

PRE-INDUSTRIAL/ORGANIZATIONAL (30 Hours)

- Psych 315 — Social Psychology
- Psych 331 — Psychology of Learning and Cognition
- Psych 335 — Behavior Modification
- Psych 344 — Applied Research Techniques
- Psych 362 — Industrial/Organizational Psychology
- Psych 419 — Measurement of Individual Differences
- Psych 465 — Group Dynamics or Psych 320, Psychology of Leadership, or Psych 463 — Psychological Counseling and Psychotherapy

PRE-LAW (30 Hours)

- Psych 302 — Developmental Psychology
- Psych 315 — Social Psychology
- Psych 320 — Psychology of Leadership
- Psych 331 — Psychology of Learning and Cognition
- Psych 335 — Theories of Personality
- Psych 343 — Survey of Abnormal Psychology I
- Psych 463 — Psychological Counseling and Psychotherapy

MILITARY (30 Hours)

- Psych 315 — Social Psychology
- Psych 320 — Psychology of Leadership
- Psych 331 — Psychology of Learning and Cognition
- Psych 335 — Behavior Modification
- Psych 353 — Survey of Abnormal Psychology I
- Psych 363 — Industrial/Organizational Psychology
- Psych 463 — Psychological Counseling and Psychotherapy

10 hours from 300-400 level Psychology courses (at least one 400 level course)

SUGGESTED MINORS:

- Applied: Biology, Sociology, Business, Computer Science
- Basic: Mathematics, Biology, Chemistry, Physics, Computer Science
- Pre-Counseling: Sociology, Business, Political Science, History, English
- Pre-Industrial/Organizational: Business, Computer Science, Mathematics, Political Science
- Pre-Law: Business, English, History, Political Science
- Military: Business, Political Science, Computer Science

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of Physical Education)

MILITARY SCIENCE REQUIREMENTS (FOR MILITARY STUDENTS)

BASIC PHYSICAL EDUCATION REQUIREMENTS

MODERN LANGUAGE AND/OR STATISTICS/COMPUTER SCIENCE REQUIREMENTS

A Psychology major may choose one of the following:

- (a) Complete 20 hours of one foreign language (B.A. Degree)

- (b) Complete 15 hours of one foreign language (B.S. Degree)
- (c) Complete 5 hours of statistics (Math 240) and 10 hours of one foreign language (B.S. Degree)
- (d) Complete 5 hours of statistics (Math 240), 5 hours of one foreign language, and 5 hours of Computer Science (B.S. Degree)
- (e) Complete 5 hours of statistics (Math 240) and 10 hours of Computer Science (B.S. Degree)

U.S. AND GEORGIA CONSTITUTION REQUIREMENT (POLITICAL SCIENCE 101)

U.S. AND GEORGIA HISTORY REQUIREMENT (HISTORY 100 OR 251 OR 252 OR 253)

ADDITIONAL REQUIREMENTS FOR ALL PSYCHOLOGY MAJORS

No grade below C will be acceptable in any Psychology course presented to fulfill the requirements for a Psychology major.

MINOR IN PSYCHOLOGY

Psychology 101 plus 20 hours elected from the Psychology curriculum with a minimum of one course in the 20 hours at the 300 or 400 level.

COURSES IN PSYCHOLOGY

- 101. INTRODUCTION TO PSYCHOLOGY** **5 hours**
Must precede other psychology courses. A study of human and animal behavior, including an introduction to the scientific method as used in the study of motivation, emotion, learning, individual differences (including an introduction to psychological measurement and testing), development of personality, behavior disorders and therapy, and social influences on behavior.
- 102. ADVANCED GENERAL PSYCHOLOGY.** **5 hours**
A study of the history of psychology, perception, sensation, complex learning, the nervous system, with particular emphasis on the brain and behavior, genetics, and advanced psychological measurement and testing.
- 200H. HONORS PSYCHOLOGY.** **5 hours**
Prerequisite: Psychology 101. Admission by invitation. Course will emphasize student involvement in topics to be covered and in the manner in which chosen topics will be studied.
- 252. HUMAN SEXUALITY.** **5 hours**
A theoretical empirical, and applied analysis of human sexual behavior. Although a number of perspectives (biological psychological, and sociological) are considered, the psychological foundations of sexual behavior are emphasized.
- 254. THE PSYCHOLOGY OF DRUG USE AND ABUSE.** **5 hours**
A survey of the major types of drugs used by humans both therapeutically and recreationally. The course will emphasize the psychological and behavioral effects of various drugs, particularly those with a potential for abuse.

- 258. PSYCHOLOGY OF ADJUSTMENT. 5 hours**
Psychology 101 is recommended but not required as a prerequisite. A course designed to help the student with his or her own personal adjustment. Topics discussed include: the self, adequate and inadequate coping strategies, effective communication skills, meaningful interpersonal relationships, dealing with the end of a relationship, factors influencing marital success and failure.
- 301. CHILD DEVELOPMENT. 5 hours**
A study of the roles played by maturation and experience in the social, emotional, moral, and physical development of children from the prenatal period to adolescence. Observation of children in public school required for two hours weekly.
- 302. DEVELOPMENTAL PSYCHOLOGY 5 hours**
A study of the physical, social, and cognitive aspects of human behavior from birth to death.
- 305. EDUCATIONAL PSYCHOLOGY. 5 hours**
Emphasis on learning, its nature, motivation, retention, appraisal, transfer, and application. Adjustment of educational practices to individual differences in abilities and interests among pupils will be considered. Some observation in teaching-learning situations will be done.
- 306. HEALTH PSYCHOLOGY. 5 hours**
Prerequisite: Psychology 101. A survey of the role of psychological factors in the promotion and maintenance of health; in the prevention and treatment of illness and dysfunction; and in the operation of the health care system.
- 307. STATISTICS FOR THE BEHAVIORAL SCIENCES. 5 hours**
Prerequisite: Math 240. A survey of the statistics which are most frequently used in the behavioral sciences. Particular emphasis will be placed on analysis of variance techniques; some of the more useful nonparametric techniques will also be covered. Primary concern will be with computation and interpretation.
- 308. EXPERIMENTAL PSYCHOLOGY. 5 hours**
Prerequisite: Psych 307 and Math 240. This course is designed to introduce students to experimental methods as applied to behavior. Some basic standard tools will be presented. Students will learn design of elementary experiments. Laboratory time will be spent implementing simple procedures.
- 309. HISTORY AND SYSTEMS. 5 hours**
An integrative course emphasizing the origins and background of the science of behavior. Important contributors and their schools of thought will be studied. Relating these schools of thought to present systematic developments in psychology will be emphasized.
- 315. SOCIAL PSYCHOLOGY. 5 hours**
A survey of the effects of the social environment on human behavior. Coverage includes: aggression, altruism, attitude change, audience effects, conformity, group dynamics, interpersonal attraction, leadership, sex roles and social perception.

- 320. PSYCHOLOGY OF LEADERSHIP. 5 hours**
 Psychology 101 is recommended but not required as a prerequisite. The characteristics of an effective leader will be studied and analyzed employing both a theoretical and an applied approach.
- 331. PSYCHOLOGY OF LEARNING AND COGNITION 5 hours.**
 An empirical and theoretical study of classical and operant conditions, perception, attention, memory, thinking and language.
- 335. BEHAVIOR MODIFICATION. 5 hours**
 Selected behavior modification techniques including experimental analysis, successive approximation and other operant techniques, counterconditioning, reciprocal inhibition, and others as applied to learning problems, mild behavioral disturbances, and mild cases of retardation, and stress-related disorders.
- 343. THEORIES OF PERSONALITY. 5 hours**
 A critical evaluation of the major theories of personality and a survey of research of major personality variables comprise this course.
- 344. APPLIED RESEARCH TECHNIQUES. 5 hours**
 A study of the research methodology for applied problems and for non-laboratory settings. Coverage includes consumer, field, marketing, policy-oriented, program evaluation and survey research techniques. Active student participation in applied research projects is emphasized.
- 353. ABNORMAL PSYCHOLOGY. 5 hours**
 This course involves the study of the historical perspectives of abnormal behavior, the various psychosocial models used to understand behavior as well as the study of personality development and adjustment. The major emphasis of the course will be a thorough investigation — involving the causes and dynamics of the following: Stress and adjustment disorders, anxiety-based disorders, personality disorders, psychological factors and physical illness, affective disorders, schizophrenic disorders, substance use disorders, psycho-sexual disorders, organic mental disorders, mental retardation, and behavior disorders of childhood and adolescence.
- 354. INTRODUCTION TO CLINICAL PSYCHOLOGY. 5 hours**
 This course emphasizes clinical assessment techniques, biological and psychologically-based therapies, and contemporary issues in abnormal psychology.
- 362. INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY. 5 hours**
 The study of human problems in work settings, selection, placement, motivation and job satisfaction, leadership, performance assessment, organizational development.
- 410, 411, 412. PSYCHOLOGICAL READING AND RESEARCH. 2, 2, 2 hours**
 Prerequisite: permission of instructor.
- 419. MEASUREMENT OF INDIVIDUAL DIFFERENCES. 5 hours**
 An introduction of theories and practices of psychological measurements. The characteristics and uses of specific maximum and typical performance assessment devices will be included.

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| 423. | <p>PHYSIOLOGICAL PSYCHOLOGY. 5 hours
 Prerequisite: 10 hours Biology. Personality is viewed as the integration of the morphology, physiological and psychological aspects of the organism. The relationship between the internal environment and such behaviors as food intake control, mating behavior, neural action, emotion, etc., will be considered.</p> |
| 425. | <p>SENSATION AND PERCEPTION. 5 hours
 A study of sensory systems emphasizing behavioral significance of structure.</p> |
| 428. | <p>COMPARATIVE BEHAVIOR. 5 hours
 A treatment of evolutionary trends in behavior including neural and hormonal mechanisms, with emphasis on physiology and function.</p> |
| 433. | <p>INDIVIDUAL INTELLIGENCE TESTING: WECHSLER AND STANFORD-BINET SCALES. 5 hours
 Prerequisite: Psychology 419. Training in the administration, scoring, and interpretation of the Wechsler and the Stanford-Binet Scales. A minimum competency in the use of these scales for both children and adults is required.</p> |
| 463. | <p>PSYCHOLOGICAL COUNSELING AND PSYCHOTHERAPY. 5 hours
 Prerequisites: Psyh 353 and two additional psychology courses. A study of the various methods employed in counseling and psychotherapy. These methods will be interpreted as they are applied in the treatment of both the "disturbed" and the "normal" individual.</p> |
| 465. | <p>GROUP DYNAMICS. 5 hours
 The study of the psychology of small group behavior. Coverage includes situational, physical and personality factors as they relate to group formation, interaction, and performance.</p> |
| 470 a, b, c. | <p>INDEPENDENT STUDY IN PSYCHOLOGY. 5, 5, 5 hours
 Practical experience in the area of student's major interest under the supervision of and approval by the Psychology Department.</p> |
| 480. | <p>SENIOR HONORS THESIS. 5 hours
 Prerequisite: Minimum 3.0 average in Psychology, permission of a faculty member.</p> |

No grade below C will be acceptable on any Psychology course presented to fulfill the requirements for a Psychology Major. Psychology 101 is required for all other Psychology courses except Psychology 258 and Psychology 320, Psychology 101 is recommended, but not required for Psychology 258 and Psychology 320.

DEPARTMENT OF SOCIAL SCIENCES

Ray C. Rensi, Department Head

MAJOR IN CRIMINAL JUSTICE

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Math 101 or 119, & 240	10
English 203, 204, 205, 206, 207	5-10	Sciences: (one ten-hour sequence)	10
Fine Arts 252	0-5	Biology 105-106 or 105-107	
Spanish 101, German 101	0-5	Chemistry 101-102	
		Astronomy 104-105	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Psychology 101	5	Criminal Justice 201, 225, 250	15
Political Science 101 —	5	Sociology 225	5
Sociology 100 —	5	Business Admin. 221	5
History 100 —	5	Computer Science 120, 130, or	
		Spanish 102, English 250	5

COURSES REQUIRED FOR CRIMINAL JUSTICE MAJORS

Social Science 301, 302	10
Criminal Justice 300, 310, 320, 321, 322, 400, 410, 420	40
Criminal Justice 485	15
Psychology 353	5

ELECTIVES

At least 10 hrs. in 300-400 level courses from related fields. As a result of consultations with their academic advisor, criminal justice majors may develop concentrations in law enforcement, administration, corrections, or pre-law.	20
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MILITARY SCIENCE REQUIREMENTS (For Military Students)	18
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BASIC PHYSICAL EDUCATION REQUIREMENTS	6
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U.S. AND GEORGIA CONSTITUTION REQUIREMENT (PLSI 101 or CLEP test)

U.S. AND GEORGIA HISTORY REQUIREMENT (HIST 100, 251, 252, 253, or CLEP test)

SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED
COMPREHENSIVE EXIT EXAMINATION

MAJOR IN HISTORY

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101 or 119 & 240	10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (a ten-hour sequence of a lab science at the 100 level)	10
French 101, German 101, Spanish 101, Fine Arts 252, Music 205, Art 150, Art 151, Arts 152	0-5	Biology 105-106 or 105-107	
		Chemistry 101-102, 103	
		(Any Two)	
		Astronomy 104, 105	

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	History 111, 260, 101, 102	10
History 103	5	Business Administration 221 or	
Sociology 100	5	Political Science 205	5
A course from:		Sociology 225	5
History 101, 102, 111	5	Courses from Anthropology, Computer Science, Economics, Political Science, Sociology, Psychology, Modern Languages	10

HISTORY MAJOR	
History 205 and any two of 251, 252, 253 plus 25 hours of 300 level courses and a 400 level history seminar. A total of ten of these hours must be from 300-400 level courses in European or Non-American History.	45

COURSES IN THE MINOR	
Candidates must complete the courses prescribed by the minor department selected. Minors may come from related fields with Social Sciences or from other disciplines. A minor should be chosen on the basis of its appropriateness to the student's scholarly interest and career goals and after consultation with the major advisor.	20
Any field may be used to fulfill the minor requirements, although the following cognates are recommended: Business Administration, Economics, Fine Arts, Modern Languages, Political Science, Psychology, Sociology, English.	

ELECTIVES (to bring the total number of credit hours to at least 185 exclusive of 6 hours in Basic Physical Education for a grand total of 191 hours)	
MILITARY SCIENCE REQUIREMENTS (For Military Students)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS (101 & 102 Optional: 211 & 212 required. 211 or 212 may be used to fulfill hours in Area IV.)	10-20
U.S. AND GEORGIA CONSTITUTION REQUIREMENT (Satisfied by PLSI 101)	
U.S. AND GEORGIA HISTORY REQUIREMENT (A 100-200 level American History Course. This can also be satisfied by completion of the college-level examination program (CLEP)	
SATISFACTORY COMPLETION OF DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION	

MAJOR IN POLITICAL SCIENCE

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Mathematics 101, or 119 & 240	10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (A ten-hour sequence of a lab science at the 100 level)	10
French 101, or German 101, or Spanish 101, or 200-207 level English	5	Biology 105-106 or 105-107	
		Chemistry 101-102, or 121-122	
		Astronomy 104, 105	

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Political Science 205	5
History 100	5	Business Administration 221	5
History 103	5	French, German or Spanish 211	5
A course from:		French, German, or Spanish 212; or English at 200-250 level; or 200-level Computer Science	5
Psychology 101, Sociology 100	5	Computer Science 100-200 level	5
		Courses at 200 level from: Economics, History, Political Science, Psychology, or Sociology	5
POLITICAL SCIENCE MAJOR			40
Political Science 300, Social Science 302, plus 25 hours of 300 and 400 level courses, and a 400 level senior seminar.			
COURSES IN THE MINOR			20
Majors in the field of Political Science must complete 20 hours of advanced study in a closely-related subject area. Minors may come from related fields with Social Sciences or from other related fields. A minor should be chosen on the basis of its relatedness to the students scholarly interest and his career goals and after consultation with his major advisor.			
The following fields may be used to fulfill the minor requirements: Anthropology, Economics, English, History, Modern Languages, Psychology, Sociology, and Criminal Justice.			
ELECTIVES (To bring the total number of credit hours to at least 185 exclusive of 6 hours of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (For Military Students)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
MODERN LANGUAGE REQUIREMENTS (101 & 102 optional; 211 required; 212 required for B.S. degree)			10-20
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
U.S. AND GEORGIA HISTORY REQUIREMENT (A 100-200 level American History course. This can also be satisfied by completion of the college-level examination program (CLEP))			
SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION			

MAJOR IN SOCIOLOGY

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Math 101 or 119 & 240	10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences (a ten-hour sequence of a lab science at the 100 level)	10
French 101, German 101, Spanish 101	5	Biology 105-106 or 105-107	
		Chemistry 101-102, or 121-122	
		Physics 101, 102 or	
		Astronomy 104, 105	

AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	Sociology 100, 216	10
History 103	5	Computer Science 120, 130	5
History 253	5	Courses from:	10
A course from:	5	Economics, Political Science, Psychology, Criminal Justice, English 250	
Psychology 101, or Business Admin. 221, History 101, 102, 111		French 211, German 211, Spanish 211, History	5
SOCIOLOGY MAJOR			45
Social Science 301 & 302; History 211 or 395; Sociology 225 & 410 plus 20 hours of 300 and 400 level courses.			
SOCIOLOGY MAJOR-SOCIAL WORK CONCENTRATION			50
Social Science 301, 302			
Sociology 225, 300, 304, 310, 312, 315, 325, 402, 410			
COURSES IN THE MINOR			20
Majors in the field of Sociology must complete 20 hours of advanced study in a closely-related subject area. Minors may come from related fields with Social Sciences or from other related fields. A minor should be chosen on the basis of its relatedness to the student's scholarly interests and career goals and after consultation with major advisor. The following fields may be used to fulfill the minor requirements: Economics, English, History, Modern Lan- guages, Political Science, Psychology.			
ELECTIVES (To bring the total number of credit hours to at least 185 hours plus 6 hours of Physical Education)			
MILITARY SCIENCE REQUIREMENTS (For Military Students)			18
BASIC PHYSICAL EDUCATION REQUIREMENTS			6
MODERN LANGUAGE REQUIREMENTS (211 required)			5-15
U.S. AND GEORGIA CONSTITUTION REQUIREMENT			
SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXAMINATION			

MULTI-DISCIPLINE MAJOR IN SOCIAL SCIENCES

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Math 101 or 119 & 240	10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences:	10-15
Fine Arts 252, French 101, German 101, Spanish 101	5	Biology 105-106 or 105-107 or Chemistry 101-102	
		Physics 101-102 or Astronomy 104-105	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	French, German, or Spanish 211	5
History 100	5	Computer Science 100-200 level	5
History 103, 111, 253	5	Business Admin. 221, 222, 231, 251	10
Courses from: Psychology 101, Sociology 100, Bus. Admin. 221, 222	5	Courses from: Anthropology 100, Psychology 205, 258, Political Science 205	10

MULTI-DISCIPLINE SOCIAL SCIENCE MAJOR		
A.*	1. Social Science 301, 302	10
	2. One course from Business Administration, Education 416, or Computer Science 351, 352.	
B.	Business Administration 321, 322, 323, 361, 426, 427, 446	20
C.	Political Science 303, 305, 306, 310, 315, 401, 404, 410, 411, 412, 468	20
D.*	History 309, 310, 345, 351, 352, 366, 368, 395	
E.*	Psychology 308, 315, 320, 321, 343, 362, 420, 430	15
F.*	Sociology 301, 305, 315, 318, 320, 321, 322, 330	15
ELECTIVES (To bring the total number of credit hours to at least 185 exclusive of 6 hours Physical Education)		
MILITARY SCIENCE REQUIREMENTS (For Military Students)		18
*NOTE: Cadets enrolled in 18 hours of Military Science will be required to take 10 hours in A, 5 hours in D, 10 hours in E, and 10 hours in F.		
BASIC PHYSICAL EDUCATION REQUIREMENTS		6
MODERN LANGUAGE REQUIREMENTS (211 required)		
U.S. AND GEORGIA CONSTITUTION REQUIREMENTS (PLSI 101)		
U.S. AND GEORGIA HISTORY REQUIREMENTS (A 100-200 level American History course. This can also be satisfied by completion of the college-level examination program (CLEP))		
SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION		

MULTI-DISCIPLINE SOCIAL SCIENCE MAJOR, PRE-LAW CONCENTRATION

COURSES IN THE CONCENTRATION		HOURS CREDIT
SOSC 302	Statistics for the Social Sciences	5
PLSC 300	Scope and Methods of Political Science	5
303	International Relations	5
305	American Constitutional System	5
320	Civil Liberties	5
412	The Judicial System and the Judicial Process	5
450	Legal Research	5
Courses from:		
HIST 345	Social and Cultural History of the United States, 1900 to the Present	
395	The Developing World	
445	Studies in U.S. History	
PLSC 306	American State Government	
310	American Political Theory	
401	Comparative Government	
402	Twentieth Century Political Thought	
SOCI 335	Political Sociology	
SOSC 425	Law and Society	15
		<hr/>
		50

OTHER RECOMMENDED COURSES:

BADM 231	Principles of Accounting	5
ENGL 250	Technical Writing	5
307	Advanced English Grammar	5
350	Advanced Composition	5
MLAN	Modern Language Electives	10
SPCH 211	Speech	5
214	Creative Speech Communication	5
PSYH 308	Experimental Psychology	5
315	Social Psychology	5

SECONDARY EDUCATION PROGRAM IN THE SOCIAL SCIENCES

The Department of Social Sciences in conjunction with the Department of Education offers programs which will enable graduates to qualify for a four-year teaching certificate (nt-4) in Georgia.

Applications for admission to the Teacher Education Program may be obtained from the Department of Education.

Teacher Education Admission Requirements

To be eligible for admission to one of the teacher education programs, a student must:

1. Complete 30 or more quarter hours of credit with a grade point average of 2.50 or better;
2. Successfully complete the Regent's English Examination;
3. Complete Education 204, Introduction to Education, with a grade of C or better;
4. Demonstrate competence in the use of oral and written language;
5. Have a positive attitude toward teaching as a profession;
6. If a transfer student, have completed at least 15 hours of credit at North Georgia College;
7. Complete English 101 with a grade of C or better.

Retention in a Teacher Education program

The following academic standards must be maintained for continued retention in the Secondary Education Program offered in the Department of Social Sciences:

1. The successful completion of all professional education courses with a grade of C or better.
2. An academic grade of C or better in all courses in the student's area of concentration.
3. Maintenance of an overall grade point average of 2.50 or better.

Students interested in the program should see the Director of the Teacher Education Program, Dr. Christopher Sharp in the Department of Education; the Head of the Social Science Department, Dr. Ray C. Rensi; and the Social Science Education Advisor; Dr. Paul G. Dobson.

The department offers majors in secondary schools in Multi-Disciplinary Social Sciences, History Education, and Political Science Education.

MULTI-DISCIPLINE MAJOR — SOCIAL SCIENCES (SECONDARY EDUCATION)

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Math 101 or 119 & 240	10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences:	10
Fine Arts 252, French 101, German 101, Spanish 101	5	Biology 105-106 or 105-107; or Chemistry 101-102, Physics 101-102, or Astronomy 104-105	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	French 211, German 211, Spanish 211	5
History 100	5	A 100-200 level Computer Science course	5
History 103	5	Business Admin. 221, 222	10
A course from: History 111, Psychology 101, Sociology 100, Business Admin. 221	5	Courses from: Political Science 205 Psychology 205 Sociology 225	10

MULTI-DISCIPLINE MAJOR — SOCIAL SCIENCES (SECONDARY EDUCATION)

- A. Certification for Multi-Disciplinary Social Science teachers in secondary schools must consist of a minimum of 75 quarter hours in four Social Science areas distributed as follows:
 1. A core of 45 hours in three areas, 15 hours each.
 2. A concentration of 30 hours in one other area not included in the core.
 3. Of these 75 quarter hours, 15 hours must include work which deals with the non-Western world.
- B. History: In 30 hour concentration — a minimum of 10 hours in American History, 10 hours in World History, and 5 hours in Non-Western History.
In 15 hour core — History 205, and 5 hours of U.S. and 5 hours of Europe of which 10 hours must be from 300-400 level courses.
- C. Economics: In 30 hour concentration — must include Business Admin. 321, 322, 323, 352, 425, 428.
In 15 hour core — 15 hours from Business Admin. 321, 322, 323, 428.
- D. Political Science: In 30 hour concentration — must include Social Science 300; Political Science 300, 303, 305, 401, and 5 hours from 310, 315, 402.
In 15 hour core — Political Science 300, 303, 305.
- E. Psychology: In 30 hour concentration — must include Psychology 307, 308, 309, 315, 343, 419.
In 15 hour core — 15 hours from Psychology 307, 308, 309, 315, 343.
- F. Sociology: In 30 hour concentration — must include Social Science 301, 302; Sociology 216, 310, and 10 hours from appropriate 300-400 level courses in Sociology.
In 15 hour core — Sociology 310, and an appropriate 300-400 level course in Sociology or Social Work.

STUDENTS IN MULTI-DISCIPLINE SOCIAL SCIENCE EDUCATION planning to do work in Area "A" in Economics or Psychology should see the departmental advisors in the respective discipline. Students in Area A disciplines see the Secondary Education advisor in the Social Science Department.

PROFESSIONAL EDUCATION SEQUENCE
Education 204, 305, 311C, 421C, 431C

35 hours

ELECTIVES (To bring the total number of credit hours to at least 185 exclusive of 6 hrs. of Physical Education)

OTHER REQUIREMENTS

Physical Education 309, 390

6

Special Education 360, 490

5

MILITARY SCIENCE REQUIREMENTS (For Military Students)

18

BASIC PHYSICAL EDUCATION REQUIREMENTS

6

MODERN LANGUAGE REQUIREMENTS

15

U.S. AND GEORGIA CONSTITUTION REQUIREMENT

U.S. AND GEORGIA HISTORY REQUIREMENT

SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED
COMPREHENSIVE EXIT EXAMINATION

MAJOR IN HISTORY — SECONDARY EDUCATION*

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES

HOURS
CREDIT

English 101-102

10

Courses from English 203, 204, 205,
206, 207

5-10

French 101, German 101, Spanish
101, Fine Arts 252, Music 205, Art
150, 151 152

AREA II — MATHEMATICS AND NATURAL SCIENCES

HOURS
CREDIT

Math 101 or 119 & 240

10

SCIENCES: (A ten-hour sequence at the
100 level)

10

Biology 105-106 or 105-107,
Chemistry 101-102, 103 (any two)
Astronomy 104, 105

AREA III — SOCIAL SCIENCE

HOURS
CREDIT

Political Science 101

5

History 103

5

Sociology 100

5

A Course From:

5

History 101, 102, 111

AREA IV — COURSES APPRO- PRIATE TO MAJOR FIELD

HOURS
CREDIT

History 205

5

History 251, 252, 253 (Any two)

10

Courses from:

15

Anthropology 100; BA. 221, 222;
Computer Science 120, 130;
Sociology 225; PLSI 205;
Modern Language

COURSES IN THE MAJOR

30

25 hours of 300 level courses with at least 10 hours in European History
and a 400 level history seminar.

COURSES IN RELATED FIELD

10

Ten (10) hours of 300-400 level work in a related field in the Social Sciences.

PROFESSIONAL EDUCATION SEQUENCE

Education 204, 305, 311C, 421C, and 431C

35

OTHER REQUIREMENTS:

Physical Education 309, 390

6

Special Education 360

5

ELECTIVES:

In addition to the degree requirements, the student is expected to complete 10 hours of course work, distributed among the following areas: (A) Anthropology; (B) Sociology 100, Introduction to Sociology; (C) Economics 221, 222, Principles of Economics; (D) Political Science 101, American Government, and 205, Introduction to Political Science.

MILITARY SCIENCE REQUIREMENTS (For Military Students)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS (101 & 102 Optional; 211 & 212 Required)	10-20
U.S. AND GEORGIA CONSTITUTION REQUIREMENT (Satisfied by PLSI 101)	
U.S. AND GEORGIA HISTORY REQUIREMENT (A 100-200 level American History course. This can also be satisfied by completion of the college-level examination program (CLEP)	
SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION	

MAJOR IN POLITICAL SCIENCE — SECONDARY EDUCATION

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Math 101 or 119 & 240	10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences: (A ten-hour sequence of a Lab Science at the 100 level)	
French 101, German 101, Spanish 101	5	Biology 105-16 or 105-107, Chemistry 101-102; or 121-122; Astronomy 104, 105	10
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	French 211, German 211, or Spanish 211	5
History 100	5	Computer Science 120, 130	5
History 103	5	Political Science 205	5
A course from: Psychology 101, Sociology 100	5	Courses from: Business Administration 221, History 205, Psychology 205, Business Administration 222	15
COURSES IN THE MAJOR			45
Social Science 300, Political Science 205, 300, 303, 305, 310, 401; 5 hrs. from 455, 456, 457, and 5 hrs. from 460, 461, 462, 463.			
COURSES IN RELATED FIELD			10
Ten (10) hours of 300-400 level work in related field in the Social Sciences			
PROFESSIONAL EDUCATION SEQUENCE			35
Education 204, 305, 311C, 421C, and 431C			
OTHER REQUIREMENTS			
Physical Education 309, 390			6
Special Education 360			5

ELECTIVES:

In addition to the degree requirements, the student is expected to complete 10 hours of course work distributed among the following areas: Anthropology, Sociology, Economics, and History; (A) History 251, 252, 253 American History; (B) Anthropology 100, General Anthropology; (C) Sociology 100, Introduction to Sociology; (D) Economics 221, Macro-Economics, Economics 222, Microeconomics.

MILITARY SCIENCE REQUIREMENTS (For Military Students)	18
BASIC PHYSICAL EDUCATION REQUIREMENTS	6
MODERN LANGUAGE REQUIREMENTS (211 required)	5-15
U.S. AND GEORGIA CONSTITUTION REQUIREMENT	
U.S. AND GEORGIA HISTORY REQUIREMENT (A 100-200 level American History course. This can also be satisfied by completion of the college-level examination program (CLEP)	
SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION	

**MAJOR IN SOCIOLOGY — SECONDARY EDUCATION
(BEHAVIORAL SCIENCES)**

CORE CURRICULUM REQUIREMENTS

AREA I — HUMANITIES	HOURS CREDIT	AREA II — MATHEMATICS AND NATURAL SCIENCE	HOURS CREDIT
English 101-102	10	Math 101 or 119 & 240	10
Courses from English 203, 204, 205, 206, 207	5-10	Sciences (a ten-hour sequence of a lab science at the 100 level)	10
French 101, German 101, Spanish 101	5	Biology 105-106 or 105-107 Chemistry 101-102, or 121-122 Physics 101, 102 or Astronomy 104, 105	
AREA III — SOCIAL SCIENCE	HOURS CREDIT	AREA IV — COURSES APPROPRIATE TO MAJOR FIELD	HOURS CREDIT
Political Science 101	5	French 211, German 211, Spanish 211	5
History 100	5	Computer Science 120, 130	5
History 103 or 253	5	Courses from:	20
A course from:	5	Anthropology 100, Psychology 205, Business Admin. 221, 222, History 205, Political Science 205, English 250	
Psychology 101 or Business Administration 221, History 101, 102, 111			
COURSES IN THE MAJOR			40
Social Science 301, 302; Sociology 225, 216, 301, 310, and 10 hours of appropriate 300 level courses.			
COURSES IN A RELATED FIELD			20
10 hours of 300-400 level work in Psychology, Political Science, or History			
PROFESSIONAL EDUCATION SEQUENCE			35
Education 204, 305, 311C, 421C, and 431C			
OTHER REQUIREMENTS			
Physical Education 309, 390			6
Special Education 360			5

ELECTIVES: At least 20 hours from Anthropology 100, Psychology 101, 205, 307, 305, 315

MILITARY SCIENCE REQUIREMENTS (For Military Students) 18

BASIC PHYSICAL EDUCATION REQUIREMENTS 6

MODERN LANGUAGE REQUIREMENTS (211 required) 5-15

U.S. AND GEORGIA CONSTITUTION REQUIREMENTS (satisfied by PLSI 101)

U.S. AND GEORGIA HISTORY REQUIREMENT

SATISFACTORY COMPLETION OF A DEPARTMENTALLY APPROVED COMPREHENSIVE EXIT EXAMINATION

MINOR IN CRIMINAL JUSTICE

CRJU 201 5

CRJU 320 5

CRJU/SOCI 321 5

CRJU 322 5

Any one of the following: 5

CRJU 400, CRJU 410, CRJU 420

MINOR IN HISTORY

History 205 5

Course selected from 251, 252, 253 5

Courses from 300-400 level 10

A 400 level course 5

MINOR IN POLITICAL SCIENCE

Political Science 205 and 20 hours from 300-400 level courses 25

MINOR IN SOCIOLOGY

Sociology 225 plus 20 hours of 300-400 level courses 25

COURSES IN SOCIAL SCIENCE

COURSES IN ANTHROPOLOGY

100. INTRODUCTION TO ANTHROPOLOGY. 5 hours
A survey of the science of Anthropology to include Modern Physical Anthropology; a consideration of the origins and evolution of man and the variation of modern man; Archaeology and Cultural Anthropology; to consider the origins and evolution of human societies and cultures and their modern variation. No prerequisite.

300. READINGS IN ANTHROPOLOGY 5 hours
Independent readings from selected literature in the field of Anthropology. Although this course may be given through formally organized classes, it may also be given by arrangement under the supervision of a member of the Department of Social Science. Written or oral reports will be expected of each student in connection with each of the assigned readings.

COURSES IN CRIMINAL JUSTICE

- 201. INTRODUCTION TO CRIMINAL JUSTICE. 5 hours**
An historical and behavioralist study of the operation of the Criminal Justice system, its cultural context and contemporary trends at the national and local level.
- 225. HISTORICAL DEVELOPMENT OF CRIMINAL JUSTICE. 5 hours**
An overview of the Criminal Justice system as it has historically developed in western civilization; pre-historical societies and continuing through ancient Rome, Greece, Judea, the Middle Ages, feudal England, France, Napoleonic France (development of the Enlightenment philosophies), until current period. This course is a prerequisite for all Criminal Justice majors.
- 250. CRIMINAL LAW I. 5 hours**
This course will be an examination of the legal requirements for crimes through the perspective of a prosecuting attorney. The corpus delictis for offenses against persons and property will be dealt with.
- 300. CRIMINAL LAW II. 5 hours**
This course will be an extension of Criminal Law I. It will examine the area of crimes against the state but will largely deal with the possible defenses allowed in our legal system. This course should be taken the quarter after Criminal Law I.
- 310. CONSTITUTIONAL LAW I. 5 hours**
This course will examine the rights granted defendants within the criminal justice system under the Constitution. It will also examine procedural rules to be followed in case development.
- 312. CONSTITUTIONAL LAW II. 5 hours**
This course is an extension of Constitutional Law I. However, it will deal mainly with the constitutional rights of convicted offenders both before and after release.
- 320. CRIMINOLOGY 5 hours**
A study of the social factors related to criminal behavior: prisons, and treatment practices.
- 321. JUVENILE DELINQUENCY 5 hours**
This course emphasizes three areas of the problem of juvenile delinquency: causation, treatment and prevention.
- 322. CORRECTIONS. 5 hours**
A study of the American prison system. Comparison with the prison system of other nations will be made.
- 400. CRIMINAL INVESTIGATIONS. 5 hours**
This course deals with the introduction to investigation methodology and includes the theory of investigations, as conducted at the scene of the crime; collection and preservation of evidence, the use of informants, techniques of surveillance, and presentation of cases in court.

- 410. EVIDENCE. 5 hours**
An intensive study and analysis of the rules of evidence as they apply to criminal cases. Particular emphasis will be placed on burden of proof and hearsay evidence as well as the principles of exclusion and selection.
- 412. THE JUDICIAL SYSTEM AND THE JUDICIAL PROCESS. 5 hours**
A systematic study of the judicial system and its role in the administration of justice.
- 420. CRIMINALISTICS 5 hours**
An introduction to the problems and techniques of scientific investigations in the criminal field. Emphasis will be placed on familiarizing the student with the role of science and technology in modern law enforcement.
- 450. ADVANCED STUDIES IN CORRECTION. 5 hours**
Offered on Demand.
Prerequisite: Psychology 335 and S.W. 403. Study in institution-based treatment programs, community based treatment for pretrial and post-trial programs. Emphasis will be placed on the impact and operational aspects of these programs.
- 485. INTERNSHIP IN CRIMINAL JUSTICE. 5-15 hours**
An assignment to a law enforcement or related agency.
- 490. INDEPENDENT STUDY IN CRIMINAL JUSTICE. 5 hours**
Independent study in criminology, penology, social problems, human relationships and related topics.

COURSES IN HISTORY

- 100. SURVEY OF AMERICAN AND GEORGIA HISTORY. 5 hours**
A survey of U.S. and Georgia history from the colonial period to the present. (The course is designed to satisfy the state law requiring that all students receiving degrees pass a course in the history of the United States and Georgia. History 251, 252, or 253 will also meet this legislative requirement.
- 101, 102, 103. WORLD CIVILIZATION. 5, 5, 5 hours**
A survey of world civilization from prehistoric times to the present.
- 111. SCIENCE AND MODERN CULTURE. 5 hours**
A survey of the role of science and technology in shaping the modern mind.
- 205. INTRODUCTION TO HISTORIOGRAPHY. 5 hours**
A study of the writings of selected historians as they illustrate the problems and the methodology of historical scholarship.
- 211. SCIENCE AND CULTURE IN THE TWENTIETH CENTURY. 5 hours**
An historical survey of developments in science and technology during the twentieth century. The course will analyze the influence that science has had on the development of contemporary culture. The course will also examine the impact that modern science and technology have had on the developing world.

251. **AMERICAN HISTORY, 1492 TO 1850.** 5 hours
252. **AMERICAN HISTORY, 1850 TO 1920.** 5 hours
253. **AMERICAN HISTORY, 1920 TO PRESENT.** 5 hours
260. **HISTORY OF THE WORLD'S RELIGIONS.** 5 hours
This course will examine the historical development of the major religions of the world, and their contributions to the world's civilizations.
270. **THE HISTORY OF WESTERN PHILOSOPHY.** 5 hours
A chronological survey of some of the major issues and conceptions which have been dominant themes in western philosophical discussion; from Socrates to Sartre.
300. **RENAISSANCE AND REFORMATION.** 5 hours
A study of European social, political and intellectual developments between 1350 and 1648 with emphasis on Italian city states, Humanism, breakup of medieval christendom, dynasticism and wars of religion.
301. **AGE OF REASON.** 5 hours
A study of Europe in the age of absolutism, the scientific revolution, social and political criticism, and the enlightenment between 1610 and 1770.
302. **ENLIGHTENMENT AND REVOLUTION.** 5 hours
A study of Europe during the Enlightenment and the age of the French Revolution, 1740 to 1815.
308. **NINETEENTH CENTURY.** 5 hours
A survey of the major political, social and intellectual developments, with emphasis on nationalism, socialism and liberalism between 1815 and 1914.
309. **TWENTIETH CENTURY I.** 5 hours
A study of the breakdown of the liberal Europe, origins of the Great War, the Peace Settlement and its consequences, 1890 to 1928.
310. **TWENTIETH CENTURY II.** 5 hours
A study of the rise of Nazi Germany and the Soviet Union to world prominence, World War II, Cold War and the rise of the Third World.
314. **HISTORY OF BRITAIN, THE EMPIRE AND THE COMMONWEALTH—1832 TO THE PRESENT.** 5 hours
A study of the growth of Britain as a global power and its impact on world history in the nineteenth and twentieth centuries.
316. **TWENTIETH CENTURY REVOLUTIONARY NATIONALISM.** 5 hours
Twentieth Century Revolutions in Russia, Asia, North Africa and the Middle East, and the rise of the Third World.

- 320. RUSSIAN HISTORY TO 1905. 5 hours**
Muscovite period, westernization, Imperial period and the reform era.
- 321. RUSSIAN HISTORY SINCE 1905. 5 hours**
Revolutionary movements, 1905-1917, Bolshevik victory, N.E.P., modernization of Russia, Stalin, War, Russia as a super power and post-Stalin period.
- 322. MEDIEVAL HISTORY 5 hours**
A survey of the social, cultural and political developments of Europe and the Mediterranean Basin from the sixth to the fourteenth centuries.
- 325. CULTURAL HISTORY OF MODERN EUROPE. 5 hours**
A study of the dominant ideas and movements since 1815 with emphasis on political and social ideas.
- 327. SOCIAL AND ECONOMIC HISTORY. 5 hours**
Pre-industrial society, mercantilism, technological innovation, industrial revolutions, modern world economy.
- 345. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES TO 1860. 5 hours**
An analysis of the social currents, institutions and minorities in Colonial and Antebellum America.
- 346. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES FROM 1860 TO THE PRESENT. 5 hours**
An analysis of social currents in 19th and 20th Century America.
- 351. THE OLD SOUTH. 5 hours**
A survey of economic, social, cultural, and political developments in the South from the founding of the Southern Colonies to 1865. Special emphasis will be placed on the role of the nonwhites in Southern Society starting with the adoption of the Fourteenth and the Fifteenth Amendments during the Reconstruction periods and going up through the Civil Rights and Black Power Movements of the second half of the twentieth century.
- 352. THE NEW SOUTH. 5 hours**
A survey of economic, social, cultural and political developments in the South since the end of the Civil War. Special emphasis will be placed on the role of the non-whites in Southern Society starting with the adoption of the Fourteenth and Fifteenth Amendments during the Reconstruction periods and going up through the Civil Rights and Black Power Movements of the second half of the twentieth century.
- 360. THE AMERICAN REVOLUTION. 5 hours**
This course will investigate and analyze the social, political, economic and military events of the era from 1700 to 1783.
- 361. CIVIL WAR AND RECONSTRUCTION. 5 hours**
History of the United States, 1860-1877. The course covers the outbreak of war, the war itself, the North during the War, the Confederacy, the Reconstruction program, the South during Reconstruction, and the North during Reconstruction.

- 365. AMERICAN ECONOMIC HISTORY. 5 hours**
A descriptive analysis of America's economic development with emphasis on the relationships between natural and human resources, technology and capital formation, the organization of economic life and the interaction of economic and social priorities.
- 366. UNITED STATES FOREIGN POLICY IN TWENTIETH CENTURY. 5 hours**
A lecture course dealing with the growth of American influence in international affairs from the period of post Civil War expansion to the present. The course will examine the different influences, perceptions of national interest and goals in the development of American foreign policy since 1890.
- 367. HISTORY OF THE COLD WAR. 5 hours**
A lecture course which will historically analyze the development of the Cold War and its consequences upon international relations. The course will examine the Cold War in terms of American, Soviet and world perspectives.
- 368. INTERNATIONAL RELATIONS AND CONFLICT IN THE MODERN WORLD. 5 hours**
A survey of international relations and war since 1870. The course will examine the relationships between the international state system, capitalism, imperialism, ideological and revolutionary nationalism and conflict by studying the causes and consequences of the major international conflicts of the post1870 world.
- 375. HISTORY OF WESTERN WARFARE. 5 hours**
A survey of western warfare from the beginning to the present, emphasizing the modern period. The course will examine the interrelationship of war and social, economic, political, and technological conditions.
- 380. THE FEMINIST MOVEMENT. 5 hours**
A historical study of the Feminist Movement in the United States emphasizing its political, economic, and social impact.
- 381. LATIN AMERICAN SURVEY. 5 hours**
A survey of Latin American history from prehistoric times to the present.
- 382. HISTORY OF THE MIDDLE EAST. 5 hours**
A survey of Middle Eastern history from ancient times to the present, with emphasis on the rise and development of Islamic culture in the region.
- 383. HISTORY OF AFRICA. 5 hours**
A survey of African civilization from prehistoric times to the present.
- 386. HISTORY OF ASIAN CIVILIZATION. 5 hours**
A survey of Oriental history with emphasis upon the role of India, China, and Japan in world affairs.
- 395. THE DEVELOPING WORLD. 5 hours**
A survey of the economic, social, cultural and political developments that have shaped civilization in Latin America, Afro-Asia and the Pacific since 1900.

- 396. HISTORY OF INDIA. 5 hours**
 A survey of south Asian civilization with emphasis on the role of India in world history from the Neolithic Period to the present.

INDEPENDENT STUDIES AND SEMINARS.

- 400. STUDIES IN HISTORIOGRAPHY. 5 hours**
- 400A. STUDIES IN THE COLD WAR. 5 hours**
- 400B. STUDIES IN THE FRENCH REVOLUTION. 5 hours**
- 410. STUDIES IN ANCIENT AND MEDIEVAL HISTORY. 5 hours**
- 415. STUDIES IN EARLY MODERN EUROPE. 5 hours**
- 425. STUDIES IN NINETEENTH AND TWENTIETH CENTURY WORLD. 5 hours**
- 434. STUDIES IN SOUTH ASIAN HISTORY. 5 hours**
- 435. STUDIES IN TWENTIETH CENTURY HISTORY SINCE 1928. 5 hours**
- 440. STUDIES IN MODERN WORLD REVOLUTIONS. 5 hours**
- 445. STUDIES IN U.S. HISTORY. 5 hours**
- 455. STUDIES IN SOCIAL & CULTURAL HISTORY OF U.S. 5 hours**
- 460. STUDIES IN SOUTHERN HISTORY. 5 hours**
- 464. STUDIES IN U.S. DIPLOMATIC HISTORY. 5 hours**
- 468. STUDIES IN MODERN DIPLOMATIC HISTORY. 5 hours**
- 475. STUDIES IN MILITARY HISTORY. 5 hours**
- 475A. THE VIETNAM WAR. 5 hours**
- 477. STUDIES IN NATIONAL DEFENSE AND SECURITY. 5 hours**
- 480. STUDIES IN REGIONAL AND LOCAL HISTORY. 5 hours**
- 490. STUDIES IN THE DEVELOPING WORLD. 5 hours**

COURSES IN POLITICAL SCIENCE

- 101. AMERICAN GOVERNMENT. 5 hours**
Fall, Winter, Spring, and Summer Quarters.
Prerequisite to all other courses. An intensive examination of the Constitution and the three governmental divisions. The course includes a study of the national government in its relation to the states. This course satisfies a Georgia legislative requirement.
- 205. INTRODUCTION TO POLITICAL SCIENCE. 5 hours**
The purposes of this course are to define the discipline of political science, to study political systems and their environments, political inputs, governmental structures, governmental authorities and processes, and policy outputs and impacts. Political Science 205 also familiarizes students with research techniques and sources necessary for research in political science.
- 300. SCOPE AND METHODS OF POLITICAL SCIENCE. 5 hours**
An introduction to empirical political analysis through a study of research design techniques, theoretical approaches, and quantitative methods.
- 303. INTERNATIONAL RELATIONS. 5 hours**
An analysis of the basic forces which govern the behavior of nations in their relations with one another. This study of world power conflicts, diplomacy and international cooperation is designed to acquaint the student with the basic issues and areas of conflict among the nation-states of the contemporary world.
- 305. THE AMERICAN CONSTITUTIONAL SYSTEM. 5 hours**
An examination of the development and nature of the American Constitutional system through Supreme Court cases defining the interrelationships of the executive, judicial and legislative branches and the relationships of the states to the national government.
- 306. AMERICAN STATE GOVERNMENT. 5 hours**
An examination of the organization and functions of the state and its political subdivisions. Wherever possible, the state government of Georgia will be studied for illustrative purposes.
- 310. AMERICAN POLITICAL THEORY. 5 hours**
Prerequisite: Political Science 101 and Junior standing. An analysis of the ideas underlying government and politics in the United States through a survey of American political thought from colonial times to the present.
- 315. POLITICAL PHILOSOPHY. 5 hours**
An analysis of ideas of selected western political philosophies from Plato to Twentieth Century political philosophers.
- 320. CIVIL LIBERTIES. 5 hours**
An analysis of the case law surrounding the constitutional guarantees of personal and social freedom derived from the Bill of Rights and the Fourteenth Amendment.
- 401. COMPARATIVE GOVERNMENT. 5 hours**
A study of universal political principles and an application of these principles to the study of political systems on a comparative basis.

- 402. TWENTIETH CENTURY POLITICAL THOUGHT. 5 hours**
An analysis of modern political thought with an emphasis on the doctrines of capitalism and communism.
- 404. PUBLIC ADMINISTRATION. 5 hours**
An analysis of the theory, basic principles and practices of public administration in the United States through a study of organization, management, budgeting, personnel, administrative leadership and the characteristics of modern bureaucracies.
- 405. GOVERNMENT AND POLITICS OF THE SOVIET UNION AND THE EASTERN EUROPEAN BLOC. 5 hours**
- 406. SOVIET FOREIGN POLICY. 5 hours**
Prerequisite: Political Science 101. This course is designed to enable the student to understand about the nature of foreign policy in general and Soviet foreign policy in particular. The topic will be taught from the point of view that Soviet foreign policy is a continuation of foreign policy goals of pre-Bolshevik Russian.
- 410. THE LEGISLATIVE PROCESS. 5 hours**
An analysis of the legislative process in the U.S. Congress and American State Legislatures.
- 411. THE PRESIDENCY. 5 hours**
An analysis of the role and function of the American Presidency.
- 412. THE JUDICIAL SYSTEM AND THE JUDICIAL PROCESS. 5 hours**
A systematic study of the judicial system and its role in the administration of justice.
- 430. PUBLIC POLICY PLANNING AND ANALYSIS. 5 hours**
An analysis of major policy decisions and the impact of these decisions on the American Political System. Both civil and criminal procedure are discussed.
- 450. READINGS AND RESEARCH LEGAL STUDIES. 5 hours**
Prerequisite: PLSC 300, PLSC 305 and permission of the pre-law advisor. An introduction to the methods of legal research, legal analysis, legal writing through the study of legal briefs, appellate court decisions. The course also will introduce the student to some of the types of reading he or she will encounter in the first year of law school.

SENIOR SEMINARS.

- 455. SENIOR SEMINAR IN AMERICAN CONSTITUTIONAL SYSTEM. 5 hours**
- 456. SENIOR SEMINAR IN AMERICAN NATIONAL INSTITUTIONS. 5 hours**
- 457. SENIOR SEMINAR IN AMERICAN POLITICAL PHILOSOPHY. 5 hours**

460.	SENIOR SEMINAR IN INTERNATIONAL RELATIONS.	5 hours
461.	SENIOR SEMINAR IN SOVIET AND EASTERN EUROPEAN GOVERNMENTS.	5 hours
462.	SENIOR SEMINAR IN SOVIET FOREIGN POLICY.	5 hours
463.	SENIOR SEMINAR IN COMPARATIVE GOVERNMENT.	5 hours
485.	INTERNSHIP. Prerequisite: Permission of the instructor.	15 hours

COURSES IN SOCIAL SCIENCE

301.	RESEARCH METHODS IN THE SOCIAL SCIENCES Prerequisite: Math 240. This course covers the basic mechanics of conducting and analyzing survey research and should be taken in sequence with SOSC 302. The student will initiate and carry out a major research project of their choosing, including the designing of a research instrument and the collecting of data from a field population. The surrounding issues of theory, methodology, ethics and conceptualization will also be given close attention regarding every student's project.	5 hours
302.	STATISTICS FOR THE SOCIAL SCIENCES. A brief review of the basis for inferential and descriptive statistics; statistical inference and the assumptions of causality through specific techniques and procedures including correlation, regression, etc. Emphasis will be placed on understanding the concepts behind the techniques as well as the mechanical skills involved. Calculators will be helpful for this course.	5 hours
335.	FAMILY VIOLENCE. Interdisciplinary course which will deal with the main areas of family violence; wife beating, husband beating, child abuse, sibling violence and "granny-bashing". These areas will be explored concerning causation, social and cultural context. Research in the area, responsibility and proposed means of prevention will also be dealt with.	5 hours
425.	LAW AND SOCIETY. A general overview of how laws can affect society and how people's attitudes can affect the law. It will deal with several landmark cases and laws including Brown vs. Board of Ed. (desegregation), Roe vs. Wade (abortion), prohibition laws, drug abuse laws, and laws against homosexuality. The course will be taught in a seminar format and is recommended strictly for upper level students.	5 hours

COURSES IN SOCIOLOGY

100.	INTRODUCTION TO SOCIOLOGY. Prerequisite to all other courses. The student is introduced to the methods of human associations; the nature of culture, custom, belief, institution, etc., and its role in the development of society.	5 hours
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- 202. HUMAN GROWTH AND SOCIAL ENVIRONMENT. 5 hours**
A study of the interacting biological, psychological, and socio-cultural factors in human growth and development. Includes knowledge and understanding of people as individuals, as members of organizations and communities.
- 216. THE FAMILY. 5 hours**
The American family as a social institution.
- 225. SOCIAL PROBLEMS. 5 hours**
A study of both Macro and Micro problems in modern American culture. Emphasis is given to understanding social problems as products of larger economic and political forces.
- 300. THE FIELD OF SOCIAL WORK. 5 hours**
An introductory course to the various aspects of present-day social work. Considers family and children's services, the courts, probation and parole, medical, social services, group work, community organization, public assistance and social security.
- 304. SOCIAL WORK HISTORY AND PHILOSOPHY. 5 hours**
Role and function of professional social work practice in dealing with current social welfare problems, historical background, ethical and normative considerations.
- 305. RACE AND ETHNICITY. 5 hours**
An examination of the development and persistence of racial and ethnic cleavages in societies, especially the U.S. Close attention will be given to the historical and economic functions of racism and discrimination, as well as their implications for a pluralistic society.
- 312. EFFECTIVE INTERVIEWING. 5 hours**
A study of basic communication skills and how they may be used effectively in a wide array of situations.
- 315. SOCIAL STRATIFICATION. 5 hours**
Explores the economic, political and social basis of stratification and inequality in the U.S. today. Attention is given to the origins and nature of social classes, as well as other social divisions such as occupation, sex, ethnicity, wealth and power.
- 318. SOCIAL MOVEMENTS AND COLLECTIVE BEHAVIOR. 5 hours**
An analysis of mass movements and collective protest from an historical and behavioral perspective. Emphasis is on understanding social movements as both agents and products of social change and their relationship to various other forms of collective phenomena.
- 320. CRIMINOLOGY. 5 hours**
A study of the social factors related to criminal behavior, prisons, and treatment practices.

- 321. JUVENILE DELINQUENCY. 5 hours**
This course emphasizes three areas of the problem of juvenile delinquency: Causation, Treatment and Prevention.
- 325. INTRODUCTION TO GERONTOLOGY. 5 hours**
An interdisciplinary approach to the study of the process of aging.
- 330. THE FEMINIST MOVEMENT. 5 hours**
A historical study of the Feminist Movement in the United States emphasizing its political, economic, and social impact.
- 335. POLITICAL SOCIOLOGY. 5 hours**
A sociological analysis of political systems and power and their relationship to social and economic forces. Attention is given to exploring the question of "who rules America" and the process involved in maintaining and legitimating political order.
- 341. ENVIRONMENT, TECHNOLOGY, AND SOCIETY. 5 hours**
A comprehensive exploration of the sociological relationship between technology, economic policies, natural resources, population growth, and environmental degradation. Emphasis is on understanding these problems from an ecological perspective and the seriousness of these issues for future survival.
- 350. OCCUPATIONS AND ORGANIZATIONS. 5 hours**
An analysis of occupations, professions, and work roles from an organizational perspective. Attention is paid to such topics as occupational inequalities, mobility, and professional ethics, as well as the effect of technology on work and job satisfaction.
- 353. DEATH, SOCIETY, AND THE HUMAN EXPERIENCE. 5 hours**
Current sociological perspectives on death and the experience of dying are explored with special attention to the psycho-social needs of the terminally ill and their families.
- 400. SEMINAR IN SOCIOLOGY. 5 hours**
Intensive directed study in selected topics in sociology.
- 402. SOCIAL WORK INTERVENTION STRATEGIES. 5 hours**
A study of the conceptions, functions, and processes of various methods of social work through which the social functioning of individuals, groups, and communities may be enhanced. Emphasis will be on analyzing problem situations, then selecting appropriate goals and strategies of intervention.
- 410. SOCIOLOGICAL THEORY. 5 hours**
A survey of the major theoretical concepts, schools of thought and theories of major writers in sociology from Comte to the present.

NORTH GEORGIA COLLEGE-LANIER AREA VOCATIONAL TECHNICAL SCHOOL COOPERATIVE PROGRAMS

The Cooperative Program listed below is taught jointly by North Georgia College and the Lanier Area Technical School in Gainesville, Georgia. The complete block of electronic courses will be taught by Lanier Tech and must be completed before being credited toward the Associate Degree in Electronic Technology at North Georgia College. The general education requirements will be taught by North Georgia College.

ASSOCIATE OF SCIENCE DEGREE IN ELECTRONIC TECHNOLOGY

GENERAL EDUCATION REQUIREMENTS	HOURS CREDIT	ELECTRONICS COURSES	HOURS CREDIT
English 101 and 102	10	Electronics 101	5
Mathematics 119	5	Electronics 102	5
Political Science 101	5	Electronics 103	5
Physics 223	5	Electronics 201	5
Physics 224	5	Electronics 202	5
Physics 225	5	Electronics 203	5
History 100	5	Electronics 205	5
BA 221 or any other approved elective	5	Electronics 206	5
		Physics 340	5
		Physics 345	5

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	Legislative Relations
Joe B. Lawley	Assistant Executive Secretary
Kay Miller.....	Assistant to the Chancellor - Public Relations
	and Information Services
Elizabeth E. Neely	Assistant to the Executive Secretary

The University System of Georgia

The University System of Georgia includes all state-operated institutions of higher education in Georgia — 4 universities, 15 senior colleges, 15 junior colleges. These 34 public institutions are located throughout the state.

A 15-member constitutional Board of Regents governs the University System, which has been in operation since 1932. Appointments of Board members — five from the state-at-large and one from each of the state's 10 Congressional Districts — are made by the Governor, subject to confirmation by the State Senate. The regular term of Board members is seven years.

The Chairperson, the Vice Chairperson, and other officers of the Board are elected by the members of the Board. The Chancellor, who is not a member of the Board, is the chief executive officer of the Board and the chief administrative officer of the University System.

The overall programs and services of the University System are offered through the three major components: Instruction; Public Service/Continuing Education; Research.

Instruction consists of programs of study leading toward degrees, ranging from the associate (two-year) level to the doctoral level, and certificates.

Requirements for admission of students to instructional programs at each institution are determined, pursuant to policies of the Board of Regents, by the institution. The Board establishes minimum academic standards and leaves to each institution the prerogative to establish higher standards. Applications for admission should be addressed in all cases to the institutions.

A Core Curriculum, consisting of freshman and sophomore years of study for students whose educational goal is a degree beyond the associate level, is in effect at the universities, senior colleges, and junior colleges. The Curriculum requires 90 quarter-credit-hours, including 60 in general education — humanities, mathematics, and natural sciences — and 30 in the student's chosen major area of study. It facilitates the transfer of freshman and sophomore degree credits within the University System.

Instruction is conducted by all institutions.

Public Service/Continuing Education consists of non-degree activities, primarily, and special types of college-degree-credit courses.

The non-degree activities are of several types, including such as short courses, seminars, conferences, lectures, and consultative and advisory services, in a large number of areas of interest. Non-degree public service/continuing education is conducted by all institutions.

Typical college-degree-credit public service/continuing education courses are those offered through extension center programs and teacher education consortiums.

Research encompasses investigations conducted primarily for discovery and application of knowledge. These investigations include clearly defined projects in some cases, non-programmatic activities in other cases. They are conducted on campus and at many off-campus locations.

The research investigations cover a large number and a large variety of matters related to the educational objectives of the institutions and to general societal needs.

Most of the research is conducted through the universities; however, some of it is conducted through several of the senior colleges.

The policies of the Board of Regents for the government, management, and control of the University System and the administrative actions of the Chancellor provide autonomy of high degree for each institution. The executive head of each institution is the President, whose election is recommended by the Chancellor and approved by the Board.

The University System Advisory Council, with 34 committees, engenders continual System-wide dialogue on major academic and administrative matters of all types. It also makes recommendations to the Chancellor, for transmittal to the Board of Regents as appropriate, regarding academic and administrative aspects of operation of the System.

The Advisory Council consists of the Chancellor, the Vice Chancellor, and all Presidents as voting members; and it includes other officials and staff members of the institutions as non-voting members. The Advisory Council's 21 academic committees and 13 administrative committees are made up of representatives from the institutions. The committees dealing with matters of University System-wide application include, typically, at least one member from each institution.

Institutions of the University System of Georgia

h — On-Campus Student Housing Facilities
Degrees Awarded: A — Associate; B — Bachelor's; J — Juris Doctor;
M — Master's; S — Specialist in Education; D — Doctor's

Universities

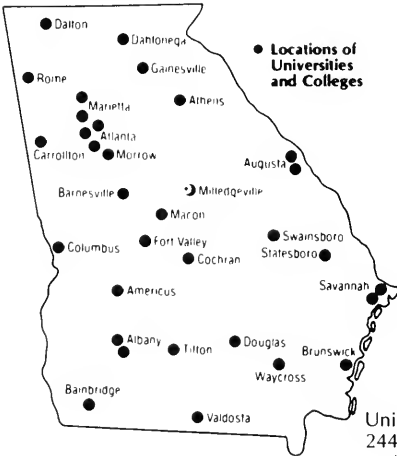
Athens 30602 University of Georgia — h; A, B, J, M, S, D	Atlanta 30303 Georgia State University — A, B, M, J, S, D
Atlanta 30332 Georgia Institute of Technology — h; B, M, D	Augusta 30912 Medical College of Georgia — h; A, B, M, D,

Senior Colleges

Albany 31705 Albany State College — h; B, M	Marietta 30061 Kennesaw College — A, B, M
Americus 31709 Georgia Southwestern College — h; A, B, M, S	Marietta 30060 Southern College of Technology — h; A, B
Augusta 30910 Augusta College — A, B, M, S	Milledgeville 31061 Georgia College — h; A, B, M, S
Carrollton 30118 West Georgia College — h; A, B, M, S, D	Morrow 30260 Clayton State College — A, B
Columbus 31993 Columbus College — h; A, B, M, S, D	Savannah 31406 Armstrong State College — A, B, M, S
Dahlonega 30597 North Georgia College — h; A, B, M	Savannah 31404 Savannah State College — h; A, B, M
Fort Valley 31030 Fort Valley State College — h; A, B, M	Statesboro 30460 Georgia Southern College — h; A, B, M, S, D
	Valdosta 31698 Valdosta State College — h; A, B, M, S, D

Junior Colleges

Albany 31707 Albany Junior College — A	Barnesville 30204 Gordon Junior College — h; A
Atlanta 30310 Atlanta Junior College — A	Brunswick 31523 Brunswick Junior College — A
Bainbridge 31717 Bainbridge Junior College — A	Cochran 31014 Middle Georgia College — h; A
	Dalton 30720 Dalton Junior College — A
	Decatur DeKalb Community College — A
	Douglas 31533 South Georgia College — h; A
	Gainesville 30403 Gainesville Junior College — A
	Macon 31297 Macon Junior College — A
	Rome 30161 Floyd Junior College — A
	Swainsboro 30401 Emanuel County Junior College — A
	Tifton 31793 Abraham Baldwin Agri. College — h; A
	Waycross 31501 Waycross Junior College — A



University System of Georgia
244 Washington Street, S.W.
Atlanta, Georgia 30334

•Locations of Universities and Colleges

ADMINISTRATION, FACULTY, AND STAFF

OFFICERS AND DIRECTORS OF ADMINISTRATION

John H. Owen, President, B.S.A., M.S., Ph.D.

Virgil W. McIntyre, Director of Computer Services, B.B.A., M.B.A.

H. Verne Smith, Director of Development & Alumni Affairs, B.S.

Marc Cutright, Director of Media Services, B.A.

Hugh I. Shott, II, Vice President for Academic Affairs, A.B., B.S., M.A., Ph.D.

William D. Bellamy, Director of Testing, A.B., M.R.E., M.S., Ph.D.

Lawrence E. Mitchell, Jr., Director of Continuing Education, A.B.J., M.A.

H. Michael Hyams, Vice President for Students Affairs & Dean of Students, B.S., M.Ed.

Frances E. Saus, Associate Dean of Students, B.S., M.Ed.

Stephen R. Brown, Director of Student Development Services, B.B.A., M.A.

Mary Carmichael, Director of Placement

William F. Gerspacher, Vice President for Business & Finance, B.S., M.B.A.

Jimmy L. Berrong, Director of Business Services, B.B.A., M.Ed.

Alan D. Theriault, Director of Student Center & Auxiliary Services, B.S., M.A.

Wesley L. Thomas, Jr., Assistant Director of Student Center, B.S., M.A.

T. Haines Hill, Personnel Officer, B.S., M.B.A.

Roy Loehr, Director of Procurement

Phillip J. Norrell, Director of Plant Operations

Gary R. Steffey, Registrar & Director of Admissions, B.B.A., M.B.A., M.Ed.

Martha M. Tompkins, Associate Registrar, B.S., M.Ed.

W. Arnold Hulsey, Director of Financial Aid, B.A., M.Ed.

Bill Smith, Director of Student Recruiting, B.S.

FACULTY AND STAFF

Meetings of the faculty are held at least once each quarter.

HINTON S. AMERSON (1983)..... *Assistant Professor of Business Administration*
B.S., North Georgia College; M.B.A., University of Hawaii.

LINDA B. AUGUST (1972)..... *Associate Professor of Social Science*
B.A., Wesleyan College; M.S.S.W., University of Tennessee.

DAVID W. BARNETT, JR. (1979) *Assistant Professor of Music*
B.M.E., M.M.E., Florida State University; D.M.A., University of Miami.

NAOMI D. BECHTOLD (1981) *Assistant Professor of Nursing*
R.N., Lancaster General Hospital; B.S.N., Eastern Mennonite College; M.N., Emory University.

GEORGE B. BELDEN (1971) *Professor of Education*
B.A., M.S., Ph.D., Florida State University.

BIRDIE E. BELL (1966)..... *Assistant Professor of Physical Education*
B.S., Alabama College; M.Ed., University of Arizona.

WILLIAM D. BELLAMY (1964) *Professor of Business Administration*
A.B., Bob Jones University; M.R.E., New Orleans Baptist Theology Seminary; M.S., Ph.D., University of Southern Mississippi.

SIDNEY E. BENTON (1975) *Professor of Education*
B.S., University of Montevallo; M.A., University of Alabama; Ed.D., University of Georgia.

ALLAN S. BICKLEY (1962)..... *Assistant Professor of Physical Education*
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North Georgia College

- KAYE T. BIDDY (1978)..... *Assistant Professor of Education*
B.S., M.Ed., Georgia Southern College.
- JOSEPH A. BIESBROCK (1970)..... *Professor of Biology*
B.S., Utah State University; M.S., Ph.D., University of Georgia.
- CHARLENE V. BIRD (1982)..... *Assistant Librarian and Adjunct*
Assistant Professor of Library Science
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- JANE C. BLANKENSHIP (1983) *Assistant Professor of Nursing*
B.S.N., Emory University; M.S.A., Medical College of Georgia.
- MARIE J. BRIDGES (1975)..... *Associate Professor of Nursing*
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- SANDRA B. BRIM (1986) *Assistant Professor of English*
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- DOROTHY L. BROCK (1975) *Professor of Biology*
A.B., Tift College; M.S., Oregon State University; Ed.D., University of Georgia.
- STEPHEN R. BROWN (1982) *Adjunct Instructor of Education*
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- PHILIP G. BUCKHIESTER (1976)..... *Professor of Mathematics and Computer Science*
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- JOAN M. BURNHAM (1974) *Assistant Professor of Nursing*
B.S.N., Alverno College.
- MAC A. CALLAHAM (1963)..... *Professor of Biology*
B.S.Ed., University of Georgia; M.A., Ed.S., Peabody College; Ph.D., University of Georgia.
- JOE C. CHAPMAN (1983) *Assistant Professor of Music*
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- V. KAY COLBERT (1972)..... *Professor of Education*
B.A., University of Arkansas; M.A., University of Alabama, Birmingham; Ph.D., University of Alabama, Tuscaloosa.
- LESTER E. CONYERS, JR. (1979) *Assistant Professor of Business Administration*
B.S., M.Ed., Memphis State University.
- JIM G. COONE (1968) *Professor of Psychology*
A.B., Carson-Newman College; M.S., Ph.D., University of Georgia.
- WINSLOW G. CRANNELL (1971)..... *Professor of Art*
A.A., Manatee Junior College; B.A., M.F.A., Florida State University.
- JOHN F. CSOMOR (1967) *Associate Professor of Social Science*
B.S., M.A., Indiana University; further study, Purdue University.
- THOMAS C. DAVIS (1964) *Professor of Chemistry*
B.S., North Georgia College; Ph.D., Florida State University; further study, National Science Foundation Summer Institute of Emory University.
- T. MICHAEL DAVIS (1977) *Professor of Physics*
B.S., North Georgia College; Ph.D., Clemson University.
- JOE D. DELLINGER, Major, Armor (1985) *Assistant Professor of Military Science*
B.S., East Tennessee University; M.A., Pepperdine University.
- H. LAWRENCE DENNIS (1968)..... *Professor of Business Administration*
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- VALENTINE DOBBS (1964)..... *Assistant Librarian*
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 B.A., North Georgia College; M.Ln., Emory University.
- PAUL G. DOBSON (1972)..... *Professor of Social Science*
 B.A., Brooklyn College; Ph.D., New York University.
- LEO C. DOWNING, JR. (1980)..... *Associate Professor of Criminal Justice/Sociology*
 B.S., Northwestern University; M.A., Indiana State University; Ph.D., Oklahoma State University.
- RANDY J. DUNN (1982)..... *Assistant Professor of Physical Education*
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- ERNEST ELDER, JR. (1967)..... *Associate Professor of Mathematics and Computer Science*
 B.S., University of Georgia; B.S., M.S., Georgia Institute of Technology; further study, Ohio State University, and Georgia Institute of Technology.
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 B.S., M.A., Appalachian State College; Ed.D., University of Georgia.
- CLAUD F. ELLIOTT (1984)..... *Associate Professor of Physics*
 A.S., Gainesville Junior College; B.S., North Georgia College; Ph.D., Clemson University.
- WILLIAM E. ENSLEY (1971)..... *Associate Professor of Physical Education*
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- JAMES M. EWING, JR. (1971)..... *Professor of English*
 B.A., M.A., University of Mississippi; Ph.D., University of Southern Mississippi.
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- THOMAS H. FOX, III (1976)..... *Professor of Biology*
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- ELSA ANN GAINES (1967)..... *Associate Professor of English*
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- MARC J. GILBERT (1981)..... *Associate Professor of History*
 B.A., M.A., Ph.D., University of California.
- WILLIE H. GORDON (1977)..... *Adjunct Assistant Professor of Library Science*
 B.S., Rust College; M.L.S., Kent State University.
- CLAYTON GRANT (1986)..... *Professor of Business Administration*
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- JILL GRAY (1985)..... *Assistant Professor of Mathematics & Computer Science*
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- KATHLEEN A. GRUENHAGEN (1986)..... *Assistant Professor of Education*
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- LYMAN L. HAMMOND (1966)..... *Assistant Professor of Music*
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- ALICE E. HARKINS (1983)..... *Assistant Professor of Nursing*
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- D. LYNN JARRETT (1982)..... *Assistant Professor of Physical Education*
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- DAVID A. JONES, Major, Armor (1984)..... *Assistant Professor of Military Science*
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B.A., High Point College; L.L.B., J.D., Duke University.
- DONALD E. KINKAID (1965) *Professor of Physics*
B.S., M.S., Ph.D., Clemson University.
- ANTHONY E. LADD (1981)..... *Associate Professor of Sociology*
B.S., Ball State University; M.A., Ph.D., University of Tennessee.
- GUY V. LAIL (1960) *Associate Professor of English*
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- JUDITH L. LONG (1979)..... *Associate Professor of Education*
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- GERALD LORD, Colonel, Aviation (1984) *Professor of Military Science*
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- KENNETH J. MAGEE, LTC., Infantry (1985)..... *Assistant Professor of Military Science*
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- PETER J. McDONALD (1977)..... *Associate Professor of Psychology*
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- EVA MCGAHEE (1965) *Associate Professor of Education*
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- MARY RUTH MILLER (1976)..... *Professor of English*
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- LAWRENCE E. MITCHELL, JR. (1970) *Adjunct Assistant Professor of Cont. Ed.*
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- DORIS H. MOHR (1982) *Assistant Professor of Business Administration*
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- ARLENE T. MOORE (1982) *Assistant Professor of Business Administration*
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- ERNEST R. MORGAN, Captain, Armor (1984)..... *Assistant Professor of Military Science*
B.S., U.S. Military Academy.
- JOE HAMPTON MORGAN (1971)..... *Associate Professor of Speech and Drama*
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- BONNIE M. MORRIS (1985)..... *Adjunct Instructor of Library Science*
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- BRIAN M. MURPHY (1981)*Associate Professor of Political Science*
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- RICHARD M. NEGLEY (1957)*Associate Professor of Mathematics*
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- CHARLES S. NOBLE (1971).....*Professor of Psychology*
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- W. GUY OLIVER (1964).....*Professor of Modern Languages*
B.A., B.D., University of Manchester; Ph.D., Hebrew Union College; further study, University of Nevada.
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- JOHN H. OWEN (1970)..... *Professor of Biology*
B.S.A., University of Florida; M.S., Ph.D., University of Wisconsin.
- ROBERT L. OWENS (1965).....*Professor of Art*
B.F.A., M.F.A., University of Georgia.
- DAVE PANDRES, JR. (1971)..... *Professor of Mathematics*
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- JAMES C. PARKER (1975).....*Associate Professor of Biology*
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- JAMES C. PARKS (1980)*Professor of Psychology*
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- ANN P. PHILLIPS (1982)..... *Assistant Professor of Nursing*
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- JOHN E. RABER (1971)*Professor of Physical Education*
B.S., Lock Haven State College; M.S., Bucknell University; Ed.D., University of Georgia.
- RAY C. RENSI (1966)*Professor of History*
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- LINDA R. ROBERTS (1983).....*Associate Professor of Nursing*
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- WILLIAM P. ROBERTS (1949).....*Professor of Social Science*
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- TOMMYE M. SCHANLIN (1972).....*Associate Professor of Fine Arts*
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- SARA J. STEELE (1971).....*Associate Professor of Psychology*
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- SUSAN STRAUBEL (1985).....*Instructor of Modern Languages*
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- JEWEL M. WADE (1975) *Professor of Education*
A.B., Mercer University; M.Ed., Ed.D., University of Georgia.
- JOHN B. WOOLFOLK (1970) *Assistant Professor of Chemistry*
B.S., M.S., Auburn University; further study, Auburn University.
- JOHN R. WORRALL, Major, Armor (1986) *Assistant Professor of Military Science*
B.A., Glassboro College.

ADMINISTRATIVE STAFF

Acrey, Mr. Richard	Building Superintendent
Anderson, Martha	Continuing Education Assistant
Barrett, Ms. Donna	Graduate Resident Counselor
Berrong, Mr. Jimmy	Director of Business Services
Biggers, Mrs. Laura	Cafeteria Manager I
Bird, Mrs. Charlene	Assistant Librarian
Brown, Mr. Stephen	Dir. Student Development Services
Carlisle, Mr. Gary	Print Shop Manager
Carmichael, Mrs. Mary	Director of Placement
Colson, Ms. Terri	Residence Counselor Coordinator
Conner, Mr. Robert	Bookstore Manager
Cutright, Mr. Marc	Director of Public Relations
Dobbs, Ms. Valentine	Head Librarian
Dockery, Mr. Doyal	Postmaster
Duval, Ms. Mary	Nurse
Ferguson, Mr. Michael	Assistant Director of Computer Services
Foxen, Mr. Thomas	Cafeteria Manager I
Gerspacher, Mr. William	Vice President for Business & Finance
Gilleland, Mrs. Alda	Accountant
Gordon, Mr. Willie	Assistant Librarian
Gore, Mr. Clyde	Director of Food Services
Grizzle, Mrs. Katherine	Nurse
Grizzle, Mr. Kim	Buyer I
Hill, Mr. T. Haines	Personnel Officer
Holtzclaw, Mrs. Shari	Library Assistant III
Hooper, Mr. Fred	Safety Engineering Assistant
Horne, Mr. Timothy	Cafeteria Manager II
Hulsey, Mr. William	Director of Financial Aid
Hyams, Mr. H. Michael, Jr.	Vice President for Student Affairs & Dean of Students
Jackson, CPT. Charlie, Jr.	Director of Security
Jones, Mrs. Nora	Data Collection Coordinator
Ladd, Ms. Rita	Programmer I
Loehr, Mr. Roy	Director of Procurement
Loftis, Ms. Cynthia	Library Technical Assistant
McIntyre, Mr. Virgil	Director of Computer Services
Malcomb, Mrs. Carol	Library Instructor
Mitchell, Mr. Lawrence	Director of Continuing Education
Morris, Mrs. Bonnie	Reference Librarian
Norrell, Mr. Phillip	Director of Plant Operations
Owen, Dr. John H.	President
Patton, Mrs. Yvonne	Manager, Snack Bar
Price, Mrs. Deborah	Assistant to Dir. of Financial Aid
Price, Mr. William	Tactical Officer, Corps of Cadets
Ross, Mr. G. Stephen	Off-Campus Coordinator
Rouse, Mr. Robert	Warehouse Supervisor
Saus, Ms. Frances	Associate Dean of Students
Seabolt, Mrs. Delores	Administration Officer, Corps of Cadets
Shook, Mrs. Lisa	Library Assistant III
Shott, Dr. Hugh I., II.	Vice President for Academic Affairs
Smith, Mr. Bill	Director of Student Recruiting
Smith, Mr. H. Verne	Director of Development & Alumni Affairs
Smith, Mrs. Iris	Assistant Bookstore Manager
Snider, Mrs. Eloise	Nurse
Steffey, Mr. Gary	Director of Admissions and Registrar
Theriault, Mr. Allan	Director of Student Center & Auxiliary Services
Thomas, Mr. Wesley	Assistant Director of Student Center
Tompkins, Ms. Martha	Associate Registrar
Tree, Ms. Joyce	Library Assistant III
Vermillion, Mrs. Leron	Coordinator of Student Recruiting

Staff

Adams, Mrs. Kathy	Secretary, Modern Languages
Anderson, Mr. Albert	Custodian Supervisor
Bennett, Mrs. Juanita	Secretary, Dept. of English
Black, Ms. Loretta	Secretary to Vice President for Student Affairs
Black, CPL. William	Public Safety Officer
Bromell, Mr. Lacca	Recreation Facilities Attendant
Brooks, Mrs. Helyn	Secretary, Dept. of Nursing
Caldwell, Mrs. Frankie	Senior Accounting Assistant
Caldwell, Mrs. Linda	Secretary to Vice President for Business & Finance
Caldwell, Mrs. Mildred	Secretary, Mathematics Dept.
Calhoun, Mrs. Atheline	Secretary to Director of Testing
Conner, Mrs. Lorene	Switchboard Operator
Cosens, Ms. Nell	Administrative Assistant
Crawford, Mrs. Jean	Library Assistant II
Daughtery, Ms. Dolores	Secretary to Director of Student Center
Dowdy, Mrs. Vicki	Secretary, Dept. of Social Science
Dyer, Ms. Carolyn	Data Entry Clerk I
Eaton, Ms. Deborah	Records Coordinator I
Eminger, Mrs. Beverly	Secretary, Dept. of Public Safety
Ferguson, Mrs. Patsy	Accounting Assistant
Fitts, Sgt. James C.	Public Safety Officer
Fortner, Mrs. Reba	Secretary to Dir. of Development & Alumni Affairs
Fosgate, Ms. Grace	Clerk, Fine Arts
Freeman, Mrs. Doris	Secretary to President
Gilstrap, Mrs. Estelle	Secretary, Fine Arts Dept.
Glaze, Sgt. Vernon	Public Safety Officer
Green, Mrs. Sandra	Records Coordinator I
Grizzle, Mrs. Beverly	Accounting Assistant
Grizzle, Mrs. Donna	Secretary to Director of Financial Aid
Guerry, Mrs. Jan	Secretary to Associate Dean of Students
Hester, Mrs. Mary Jo	Senior Accounting Assistant
Johnston, Mrs. Elsie	Secretary, Dept. of Education
Jones, Mrs. Geri	Secretary, Student Recruiting
Justus, Mrs. Lisa	Cashier, Clerk I
Kinkaid, Mrs. Betty	Secretary, Business Administration Dept.
Layne, Mrs. Karen	Secretary to Dir. of Public Relations
McCaleb, Mrs. Edna	Secretary, Dept. of Psychology
Mead, Ms. Carole	Secretary, Chemistry & Physics Depts.
Moss, Mrs. Judy	Accountant I
Mulkey, Mrs. Patricia	Records Coordinator I
Nadelhoffer, Mrs. Debra	Secretary, Graduate Education
Nickelson, Nancy	Secretary, Food Services
Parker, Mrs. Carol	Secretary, Special Education
Pruitt, Officer Randy	Public Safety Officer
Roy, CPL. Roger	Public Safety Officer
Sharp, Mrs. Hazel	Secretary, Physical Education Dept.
Smith, Mrs. Faye	Secretary, Stewart Library
Snelling, Mrs. Carol	Secretary, Special Studies
Stephens, Ms. Doris	Secretary to Director of Placement
Stowers, Mrs. Virginia	Secretary to Vice President for Academic Affairs
Sutton, Mrs. Doris	Secretary to Registrar
Thacker, Mrs. Laura	Secretary to Director of Procurement
Thompson, Mr. Ellis	Grounds Supervisor
Truelove, Mrs. Cindy	Accounting Clerk
VanAelst, Mrs. Betty	Secretary, Nursing Dept.
Walden, Ms. Elizabeth	Secretary to Dir. of Plant Operations
Weatherby, Mrs. Ann	Cashier, Clerk I
Wehnt, Mrs. Robbie	Secretary, Biology Dept.
West, Ms. Wilma	Secretary, Military Dept.
Wigley, Mrs. Wanda	Secretary to Personnel Officer
Wilkins, Terri	Secretary to Asst. Director of Student Center

NORTH GEORGIA COLLEGE
Standing Committees
1986-87

Academic Activities Committee	— Shott (Chairman), Callaham, Colbert, T. Davis, Dennis, Dobbs, Ensley, Kinkaid, Lord, Miller, Oliver, Opitz, Owens, Parks, Rensi, Roughead, Sharp, Steffey, (Student Representative: Wendy Verner)
Academic Review Committee	— Shott (Chairman), Biddy, Brown, Buckhiester, Ewing, Gray, P. Jones, Lord, McGahee, Malcolm, Steffey, Tompkins.
Admissions Committee	— Steffey (Chairman), Amerson, August, Benton, Colbert, McIntyre, McLeod, Pandres, Tennis, G. Jones.
Athletic Committee	— Dennis, Dunn, Ensley, Hyams, Moore, Negley, Saus, Sorohan, Terrell, (Student Representative: Billy Geiger).
Committee on Faculty Committees	— Brock, Downing, T. Davis, Hyams.
Discipline Committee	— Shott (Ex Officio), Crannell, Downing, B. Morris, Opitz, Pearce, Richardson, Ross, Truax, (Student Representatives selected from: Wendy Verner, Anita McCord, Jim Skelton, Gordon Young, Kim Brady, Heath Williams, Micah McCoy, Robin Stuart).
Faculty Executive Committee	— Negley (Chairman), Crannell, Ellington, Lail, J. Long, Woolfolk.
Graduate Council	— Callaham, T. Davis, Dobbs, Dobson, Ellington, Ewing, Kinkaid, J. Long, Miller, Murphy, Oliver, Osborn, Owens, Parks, Raber, Roughead, Saba, Sharp, Shott, Steffey, Wade.
Health Committee	— College Physician, Bird, Duval, Fore, Gerspacher, Gilbert, Gordon, Harkins, Hyams, J. Morgan, Murphy, Noble, Parker, (Student Representative: Sonya Jarrett).
Library Committee	— Bickley, Conyers, Coone, Csomor, Dobbs, Elliott, Hammond, D. Jones, Lail, Oliver, Parker, Patten, Richardson, Saba, Scott, Tallant, (Student Representative: Linda Stephens).
Military Committee	— Lord, Dellinger, Hyams, Ellington, Kinkaid, McDonald, (Student Representative: Cadet Brigade Commander).
Publications Committee	— Blankenship, Cutright, Elder, Gaines, Hyams, Owens, Reynolds, W. Roberts, Steele, Tiller, (Student Representative: Laura Carn & Yearbook Editor).
Student Aid Committee	— Gerspacher, Shott, Hyams, Hulsey, Belden, Fox, Ladd, Oates, Osborn, L. Roberts, Scanlin.
Student Honors Committee	— Tompkins, Bell, Burnham, Callaham, T. Davis, Parks, Rensi, Scott, True.

Student Life Committee	— Hyams, Saus, Lord, Theriault, Chapman, M. Davis, McClure, Piper, Sisk, Straubel, (Student Representative: Kim Brady).
Teacher Education Committee	— Sharp (Chairman), Belden, Brock, M. Davis, Dobson, J. Long, Miller, Mohr, Oliver, Osborn, Owens, Raber, Saba, Sisk, Wade, Woolfolk, (Student Representative: Becky Bridges).
Traffic Appeals Committee	— Biesbrock, Crannell (alternate), Daugherty, (Student Representative: Heath Williams).
Parliamentarian	— Doris Mohr
Secretary to Faculty	— Paul Dobson

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APPLICATION FOR ADMISSION

HIGH SCHOOL SENIORS

- 1) Submit application to Director of Admissions 20 days prior to quarter of registration.
- 2) Attach \$10.00 application fee to application (non-refundable).
- 3) Request your counselor or principal complete the attached Scholastic Certificate and return to NGC with your high school transcript and official SAT or ACT scores. NOTE: Your transcript must indicate that you have completed or are enrolled in your high school's approved pre-college curriculum. If you are not enrolled in such a program, please contact the Director of Admissions for further information.
- 4) Attach recent photo. It's value is that you become more a person to us as we read the material.

TRANSFER STUDENTS

- 1) Submit application to Director of Admissions 20 days prior to quarter of registration.
- 2) Attach \$10.00 application fee to application (non-refundable).
- 3) If you have over 20 quarter hours credit, transcripts from all colleges attended is all that is necessary. If less than 20 quarter hours, complete #3 above also.
- 4) Attach recent photo. It's value is that you become more a person to us as we read the material.

DORMITORY INFORMATION

All students are **required** to live in the dormitories unless they meet one or more of the criteria for commuter status as set forth in the catalog. Students planning to commute **must** complete the attached commuter affidavit.

PATICIPATION IN ROTC

Participation in the ROTC Program is required for all men living in the dormitories. The program is optional but encouraged for commuters. Women students may and are encouraged to participate.

COMMUTER AFFIDAVIT

State of Georgia, County of _____

Personally appeared before the undersigned attesting officer authorized by law to administer oaths _____

_____, who first being duly sworn, on oath deposes and says as follows:

(Name of Affiant)

- 1. My name is _____ SS No. _____
- 2. I reside at _____;
Telephone Number _____;
- 3. My commuting address will be _____
;
- 4. I am () a duly enrolled student at North Georgia College; NGC Box No. _____;
() an applicant for enrollment at North Georgia College for the _____Quarter, 19____ ;
- 5. This application is for the _____Quarter, 19____ ;
- 6. I will be a () military () non-military student; (check one)
- 7. I was born on _____;
(date of birth)

8. I desire to attend North Georgia College as a commuting student and meet the requirement indicated below:

() Living with parent, grandparent, husband or wife. Name and address and relation of qualifying relative: _____

_____ and commuting daily from this residence;

- () Holder of a baccalaureate degree;
- () Have completed 12 quarters in residence as a full-time college student;
- () Have been honorably discharged from one of the armed forces of the United States after having completed one full year of active duty.
- () Over 23 years of age;

9. I will advise the office of the Vice President for Student Affairs of any changes in the above listed address and of any changes within five days in my circumstances which will affect my authorization to attend North Georgia College as a commuting student.

This AFFIDAVIT is given for the purpose of assisting officials of North Georgia College in their determination of my eligibility to attend college as a commuting student.

*

AFFIANT

SWORN TO AND SUBSCRIBED BEFORE ME THIS _____DAY of _____, 19____ .

NOTARY PUBLIC

**The AFFIANT should note before signing that any willfully false statements made herein may result in revocation of commuter status, disciplinary action as outlined in the Student Handbook and prosecution for violation of Georgia Laws 1968, pp. 1249, 1310, which states the conviction of false swearing shall be punished by a fine of not more than \$1,000 or imprisonment for not less than one nor more than five years, or both.*

FOR OFFICE USE ONLY:

Approved _____ Disapproved _____

Date _____

NORTH GEORGIA COLLEGE APPLICATION FOR ADMISSION

THIS APPLICATION IS FOR THE:

____ FALL QUARTER 19 ____
 ____ WINTER QUARTER 19 ____
 ____ SPRING QUARTER 19 ____
 ____ SUMMER QUARTER 19 ____

SOCIAL SECURITY # _____

BIRTHDATE _____

SEX _____

RACE _____

MARITAL STATUS _____

RELIGIOUS PREFERENCE _____

FULL LEGAL NAME _____

(last)

(first)

(middle/maiden)

PERMANENT ADDRESS OF STUDENT _____

(street or box)

(city)

(county)

(state)

(zip)

HOME PHONE NUMBER (____) _____

(area code)

COUNTRY OF CITIZENSHIP _____

RESIDENT OF GEORGIA? _____ IF YES, HOW LONG? _____

PLEASE LIST, IN ORDER, WITH MOST RECENT FIRST, THE NAME AND ADDRESS OF EACH HIGH SCHOOL/COLLEGE ATTENDED.

SCHOOL

CITY, STATE

DATES ATTENDED

GRADUATION DATE

HAVE YOU EVER APPLIED TO NORTH GEORGIA BEFORE? _____ IF "YES", WHEN? _____

HAVE YOU EVER ATTENDED NORTH GEORGIA COLLEGE BEFORE? _____ IF "YES", WHEN? _____

HAVE YOU EVER ATTENDED ANY OTHER COLLEGE? _____

ACADEMIC STATUS: GOOD STANDING _____

OTHER _____ EXPLAIN _____

INDICATE THE DEGREE PROGRAM YOU PLAN TO PURSUE: ☐ FOUR YEAR ☐ TWO YEAR ASSOCIATE.

WHICH MAJOR FIELD DO YOU PLAN TO STUDY? _____

DATE YOU TOOK THE SAT: _____: DATE YOU EXPECT TO TAKE THE SAT: _____

DATE YOU TOOK THE ACT: _____: DATE YOU EXPECT TO TAKE THE ACT: _____

DO YOU PLAN TO LIVE IN THE DORMITORY OR COMMUTE? _____

IF A COMMUTER OR A FEMALE, DO YOU PLAN TO PARTICIPATE IN THE ROTC PROGRAM?

☐ YES ☐ NOARE YOU INTERESTED IN TAKING NGC COURSES AT GAINESVILLE JUNIOR COLLEGE ☐ YES ☐ NO

ATTACH APPLICATION FEE HERE

FAMILY DATA

MARRIED APPLICANTS - please provide information concerning husband/wife.

Name _____Occupation _____

Address (if different from yours) _____

UNMARRIED APPLICANTS - please provide information concerning both parents.

Father's name _____Occupation _____

Address (if different from yours) _____

Mother's name _____Occupation _____

Address (if different than yours) _____

IF ANY OF YOUR IMMEDIATE FAMILY HAVE ATTENDED NORTH GEORGIA COLLEGE, PLEASE PROVIDE THE FOLLOWING INFORMATION:

Name _____Relationship _____

Address _____

HAVE YOU EVER BEEN SUSPENDED OR EXPELLED FROM A SCHOOL OR COLLEGE FOR DISCIPLINARY REASONS? ☐ YES ☐ NO, IF YES, ATTACH AN EXPLANATION.

HAVE YOU EVER BEEN CONVICTED OF A CRIME? ☐ YES ☐ NO. IF YES, ATTACH AN EXPLANATION.

I CERTIFY THAT THE INFORMATION GIVEN ON THIS APPLICATION IS COMPLETE AND ACCURATE. I UNDERSTAND THAT FALSIFYING OR WITHHOLDING ANY PART OF THIS INFORMATION MAY RESULT IN CANCELLATION OF ADMISSION AND/OR REGISTRATION.

(Signature of Student) (Date)

NOTE: UNSIGNED APPLICATIONS OR APPLICATIONS WITHOUT A SOCIAL SECURITY NUMBER WILL BE RETURNED.

STUDENT ACTIVITIES REPORT

NAME ☐ MR. ☐ MS. _____
(last) (first) (middle)

ADDRESS _____
(street or box #) (city) (state & zip)

SOCIAL SECURITY # _____

PLEASE CHECK THE FOLLOWING ITEMS AND INDICATE YOUR EXPERIENCE IN EACH.

ACTIVITY	NUMBER OF YEARS	OFFICE, INSTRUMENT OR POSITION HELD
BAND		
ORCHESTRA		
CHORUS		
MILITARY		
DEBATE		
DRAMATICS		
PUBLICATIONS		
BASEBALL		
TENNIS		
BASKETBALL		
FOOTBALL		
STUDENT GOVERNMENT		
OTHERS		

FINANCIAL AID

If you will need financial assistance, please complete the following:

Name _____
(Last) (First) (Middle)

Address _____
Street, RFD or P.O. Box

(City) (State) (Zip Code)

Social Security No. _____

Quarter Entering: ☐ Summer ☐ Fall ☐ Winter ☐ Spring Year _____

Do you expect to enter as a transfer student? _____
(Yes) (No)

Are you a resident of Georgia? _____ If yes, how long? _____

Do you want to room in a dormitory? _____ Commute? _____

**DO NOT WRITE
IN THIS SPACE**

Office Use only

V	C
M	D
HSA	WL
PFAG	SC

Fold On Dotted Lines



.....
Your Return Address



.....
First Class
Permit No. 2
Dahlonega, Ga.

Business Reply Mail

No Postage Stamp Necessary If Mailed In The United States

NORTH GEORGIA COLLEGE
DAHLONEGA, GEORGIA 30597



ATTN: Bill Smith
Director of Student Recruiting
(Application)

| Tape
or
Staple
before
mailing |

NORTH GEORGIA COLLEGE — MEDICAL REPORT

The Medical History Section of this report should be filled out by the applicant. The physician should complete the examination and return the form to the college. All questions must be answered. Positive answers in Section A, "Disease History," should be evaluated by the physician. Completion of this report is not a prerequisite for admission; however, it is requested before first quarter of attendance.

Check One: Dorm Student () Commuting Student ()

NAME _____
(Last) (First) (Middle)

Home Address _____ Home Telephone _____

(City) (State) (Zip Code)

Date of Exam _____ Sex _____ Marital Status _____ Date of Birth _____

Section A: "Disease History" — Have you had or do you now have:

Cured or Yes No Corrected			Cured or Yes No Corrected			Cured or Yes No Corrected		
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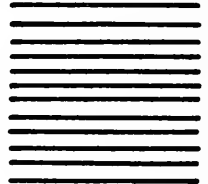


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ATTN: Bill Smith
Director of Student Recruiting
(Medical Report)

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CORRESPONDENCE DIRECTORY

TO THE OFFICE OF THE PRESIDENT on matters of general policy.

TO THE OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS concerning scholastic progress, the various educational programs, change of course etc.

TO THE OFFICE OF THE VICE PRESIDENT FOR STUDENT AFFAIRS on all matters pertaining to the overall general welfare of student.

TO THE COMMANDANT AND PROFESSOR OF MILITARY SCIENCE on questions about military programs, ROTC matters, Corp Regulations, leaves of absence, and Cadet unit and dormitory assignments.

TO THE DIRECTOR OF ADMISSIONS for questions about admission and requests for catalogs, application forms, and other information.

TO THE VICE PRESIDENT FOR BUSINESS-FINANCE on matters related to the business interests of the College, payment of fees, etc.

TO THE DIRECTOR OF STUDENT AID on matters pertaining to loans, scholarships, on-campus work, etc.

How to Contact a Cadet or Coed by Telephone

A cadet may normally be reached at his residence hall by telephone (see telephone numbers below). A cadet may also be reached through the Assistant Commandant's Office, which has someone on duty twenty-four hours a day while the college is in session.

A coed may be reached at her residence hall telephone or through the Office of the Assistant Dean of Students.

COMMANDANT'S OFFICE, 864-3392; 864-3391, Ext. 227

BARRACKS	LOCATION	UNIT	PAY PHONE	CAMPUS
Gaillard Hall	1st Floor West Wing	2Bn/Foxtrot	864-9981-9906	277/336
	1st Floor East Wing	Echo	None	277/336
	2nd Floor West Wing	BRR/HQ Foxtrot	None	None
	2nd Floor East Wing	Echo/Delta	None	None
	3rd Floor West Wing	Band/HQ Staff	None	None
	3rd Floor East Wing	Delta	None	None
Simons Hall	1st Floor	Charlie	864-9908	260
	2nd Floor	Bravo/1Bn	None	261
	3rd Floor	Alfa/Bde	None	278

VICE PRESIDENT FOR STUDENT AFFAIRS' OFFICE, 864-3391, EXT. 250 OR 267 WOMEN'S RESIDENCE HALLS

Donovan Dorm	A Wing	864-9911	322
	B Wing	864-3931	259
	C Wing	864-9905	272
Lewis Hall		864-9907	276
		864-9907	276
		864-9958	
Sanford Hall		864-9960	376
		864-3905	



North Georgia College Catalog
Biennial Issue 1987-89 - Series 54(55)
Dalhonega, Georgia 30597

Non-Profit Organization
U.S. POSTAGE
PAID
Permit No. 4
Dalhonega, GA

Cost \$13,000
Quantity 12,000